

## Introduction

Contenta Converter is a simple and powerful tool to convert your photos. It is simple to use because of its intuitive interface that gives you control over what you are doing. It is also powerful because you can configure important settings and automate common tasks.

In two sentences, here is how the software works: First, tell which photos you will convert. Then tell how you want them converted. That's all there is to do!

Contenta-Converter PREMIUM is a commercial software that offers many features such as RAW image formats as well as Kodak Photo-CD (PCD), PDF, PS, EPS and SVG support.

For detailed information about specific features, see the list below:

- [select](#) the photos you will convert
- [convert](#) from one format to another with a quality setting for lossy format
- preserve IPTC/EXIF/XMP metadatas when converting to JPEG, JPEG2000 and TIFF.
- [reduce](#) the size of your photos
- [share](#) your reduced photos to your friends
- [quality preview](#) to compare visually the quality before and after conversion
- [size preview](#) to see instantly how much space you gain or lose after conversion
- [rename](#) automatically using tags
- [organize](#) into sub-folders using tags
- [develop](#) your RAW photos using our RAW processing tool
- apply [effects](#) to your photos
- apply [watermark](#) to your photos
- how to [convert to PDF](#) ?
- how to [create a photo album](#) ?
- how to [edit the dpi resolution](#) of your photos?
- [Load/save your configurations](#) for future use

You might be interested in the [system requirements](#), the [installation](#), [payment](#) and [registration](#) procedures.

In case of problem, we are here to [support](#) you.

Thanks for evaluating our product,

Contenta Software.

<http://www.contenta-converter.com>

[support@contenta-converter.com](mailto:support@contenta-converter.com)

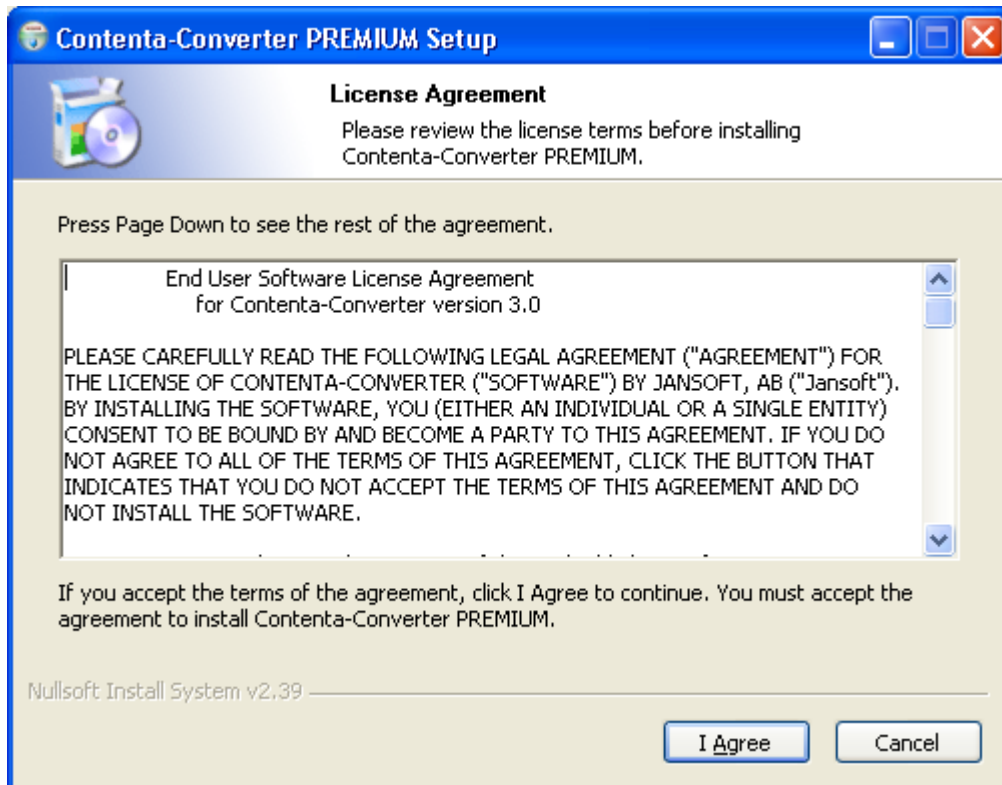
## **System Requirements**

- Windows 8 Desktop, Windows7, Windows Vista, Windows XP
- Mac Os X 10.5 (Leopard) or later
- Intel Pentium, Celeron or AMD 300 MHz or higher processor
- Designed to be accelerated by multicore processors
- 512 MB RAM
- 100 MB free disk space

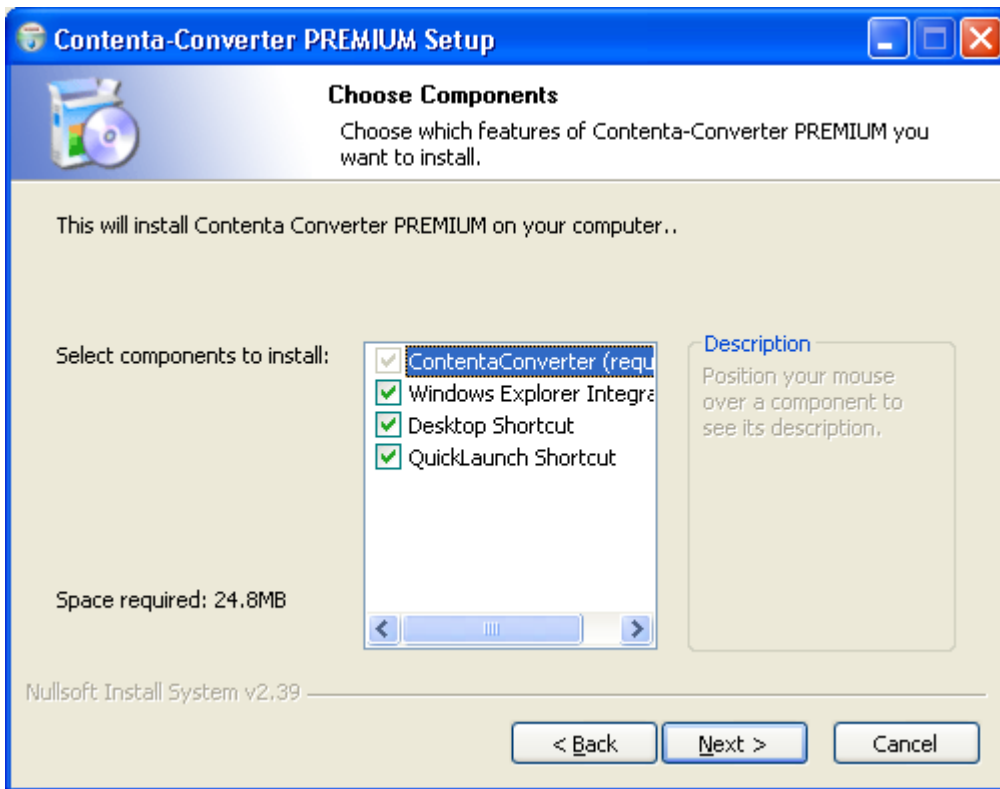
## How to install ?

Download the installation program [here](#)

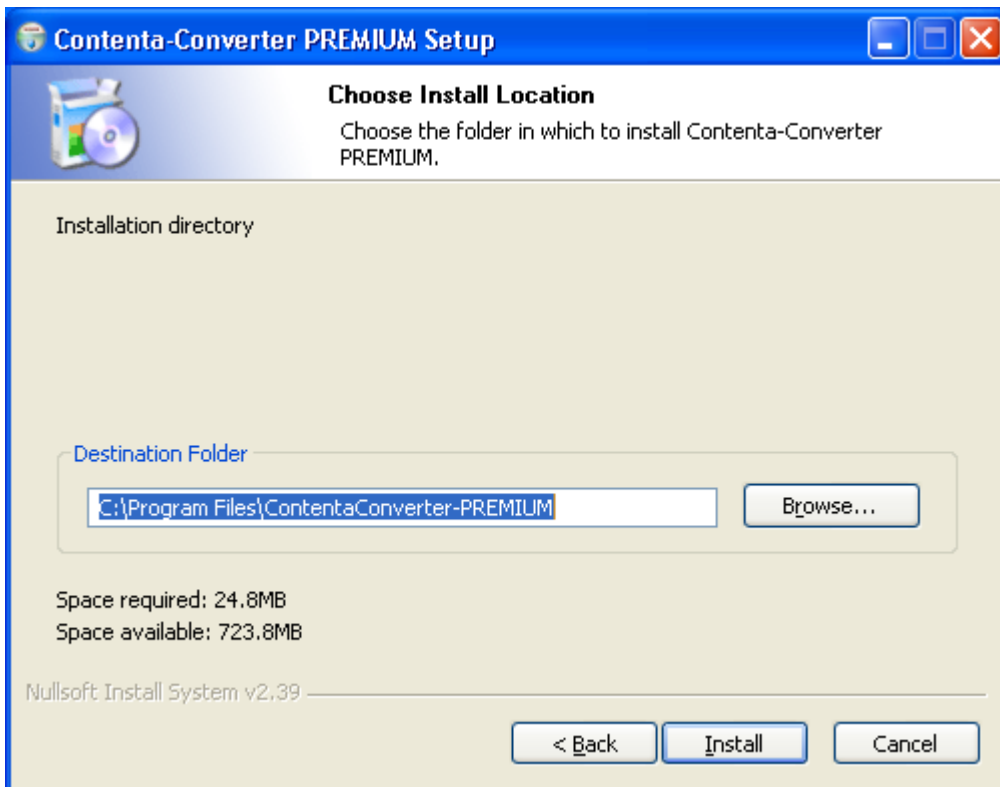
Run it



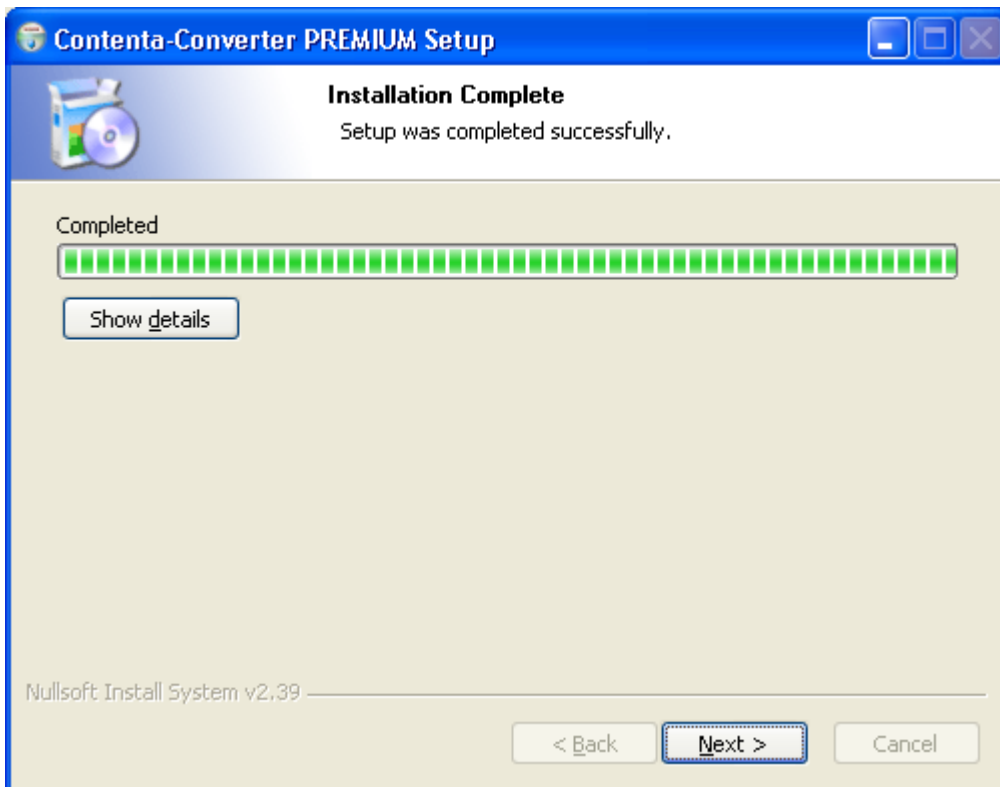
Accept the end-user license agreement



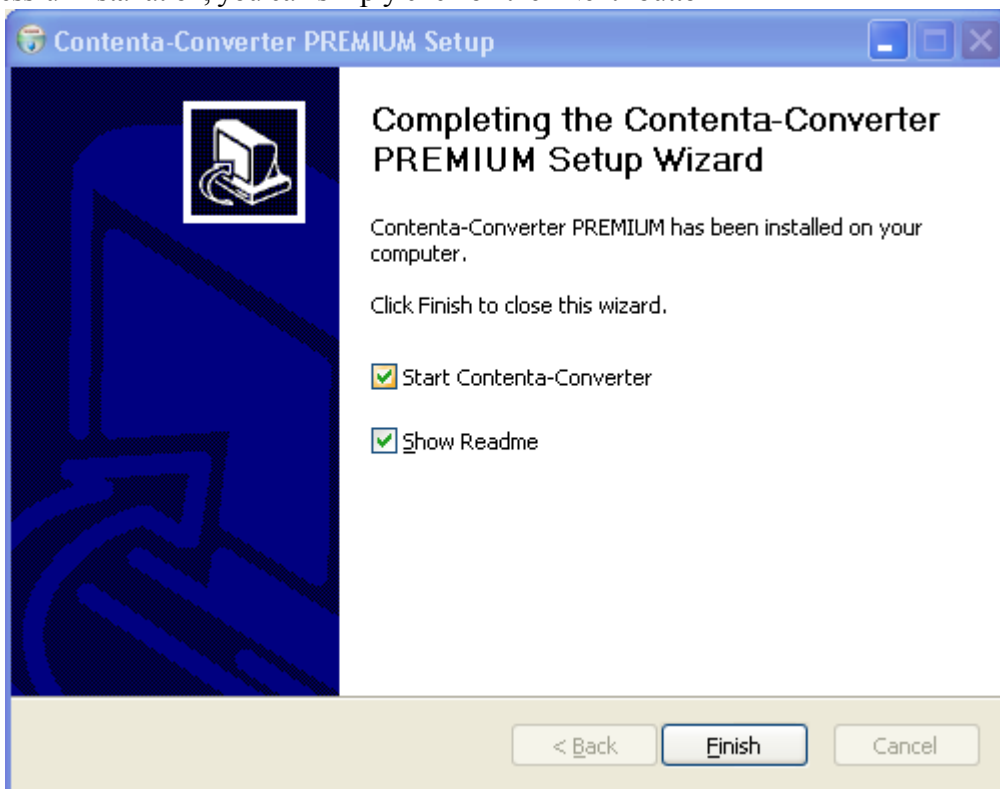
Click on the "Next" button



Click on the "Install" button



After successful installation, you can simply click on the "Next" button



You can choose to start the software and to display the readme file. Click on the "Close" button when you are done.

You're done. Your software is installed!

## **Price, payment options and instructions:**

### **Contenta-Converter PREMIUM**

[Buy now!](#)

Click on the "Buy Now" link to purchase a license and then register your software.

### **Satisfaction guaranteed**

- 30-day money back guarantee
- Encrypted secure order process
- Instant delivery
- Recoverable license

## Features

Feature	PREMIUM version
Read/Write common formats (JPG, JPEG 2000 (JP2, J2K), GIF, PNG, TIFF, BMP, WBMP, TARGA (TGA), PPM, PGM, PBM, XPM, ICO)	✓
Read less common formats (CUT, G3, DDS, IFF, JNG, KOA, MNG, PCD, PCX, RAS, SGI)	✓
Read RAW formats (RAW, DNG, CRW, CR2, ORF, MRW, THM, NEF, PEF, SRF, ARW, 3FR, ERF, KDC, SR2, RAF, X3F, DCR, DRF, MEF, MOS, PTX )	✓
Read PSD	✓
Read/Write SVG	✓
Read/Write PostScript, EPS, PDF	✓
Read/Write QRP, WMF, EMF	✓
Read/Write MPO, JPS, PNS	✓
Read/Write JPF, JPX, PCT, PICT, PICT_CLIPPING	✓
Read/Write JPG_LARGE	✓
Preview quality and final file sizes	✓
Batch conversion	✓
Resize images for computer screens, web publishing, iPod, PSP	✓
Automatically rename to meaningful names using metadata *	✓
Automatically organize in meaningful subfolders using metadata *	✓
Practical sharing tool	✓
Batch RAW processing (brightness, white balance, denoising)	✓
Apply effects and frames. (See full list in Apply effects section.)	✓
Convert multipage postscript or PDF to images	✓
Create postscript or PDF contact sheets with configurable layout	✓

\* metadatas are following the EXIF/IPTC/XMP open standards and are embedded in the image files.



## How to register ?

If you decide to buy Contenta-Converter PREMIUM (thanks!), go through the payment process and you should receive instantly a download link and your registration key.

When you have your personal code, do the following:

- Download and install Contenta-Converter PREMIUM
- Run it
- Select in menu: Register->Register PREMIUM
- Paste your email adress and personal registration key



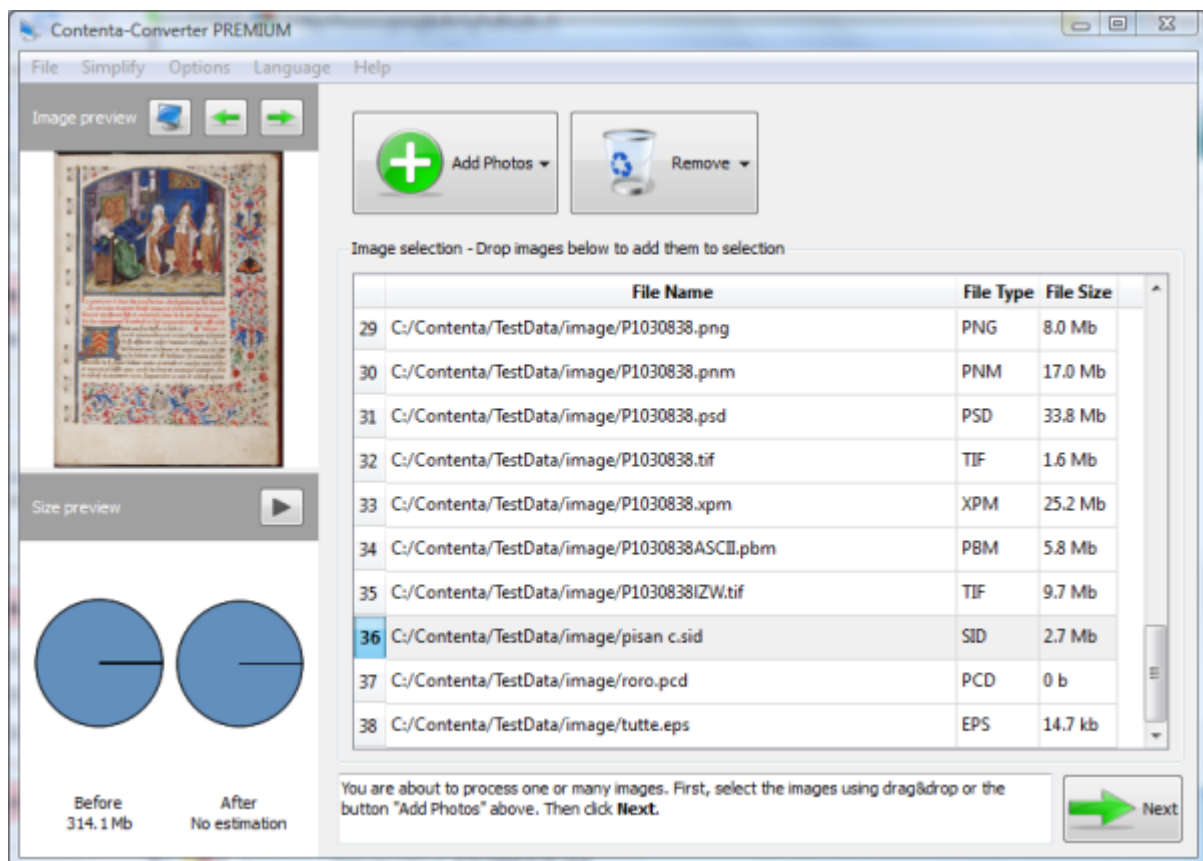
- Click on the button "Register"
- You're done. Your software is activated!

## Photos selection

There are different ways to select the photos to convert. You can:

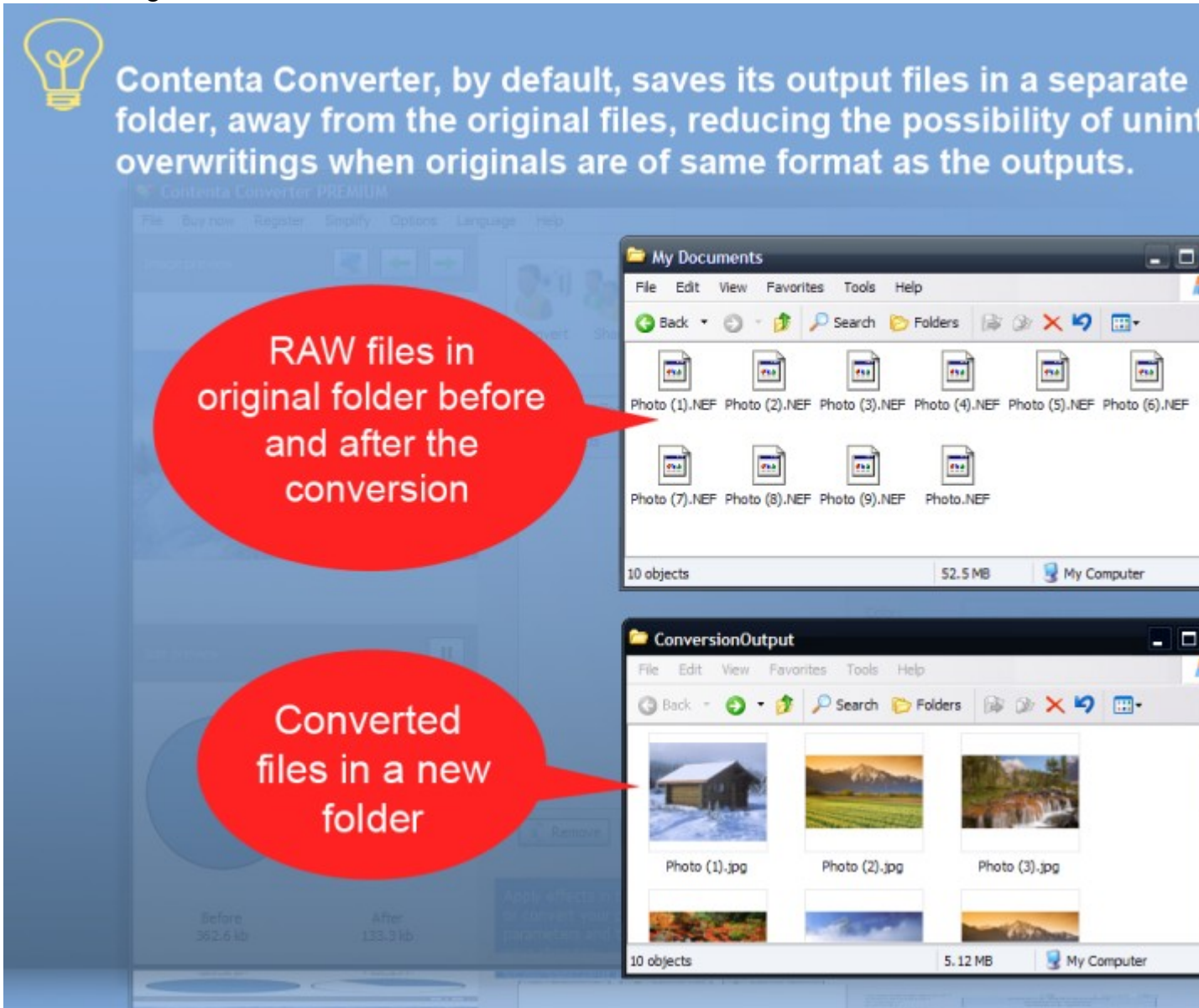
- drag and drop them
- select a bunch of files using a file picker using the button "Add one or many photos"
- select all files from a particular directory using the button "Add Folder". You can also choose to add recursively all files contained in the subdirectories.

You can use the button "Remove" or the contextual menu which opens on right-click to remove files from the selection. The currently selected photo is shown in the preview. When you are ready to continue, click on the button "Next".



## Photos conversion

There is only one mandatory parameter to start converting: choosing the output directory where all your converted images will be saved.



**Contenta Converter, by default, saves its output files in a separate folder, away from the original files, reducing the possibility of unintentional overwritings when originals are of same format as the outputs.**

**RAW files in original folder before and after the conversion**

**Converted files in a new folder**

Then, you can choose one of the following output formats: JPEG, JPEG 2000, PNG, TIFF, GIF, BMP, WBMP, TARGA, PPM, PGM, PBM, XPM, ICO, SVG, PS, EPS and PDF.

- JPEG is the most popular lossy format for sharing digital photographs on the internet also used by default by many digital cameras.
- JPEG 2000 offers much better compression, but demands more computational resource and is generally less popular. It can be impressive to see how many pictures it is possible to backup at quite high quality on a CD or DVD.
- PNG is a lossless image format useful for graphics and diagrams which should not suffer any

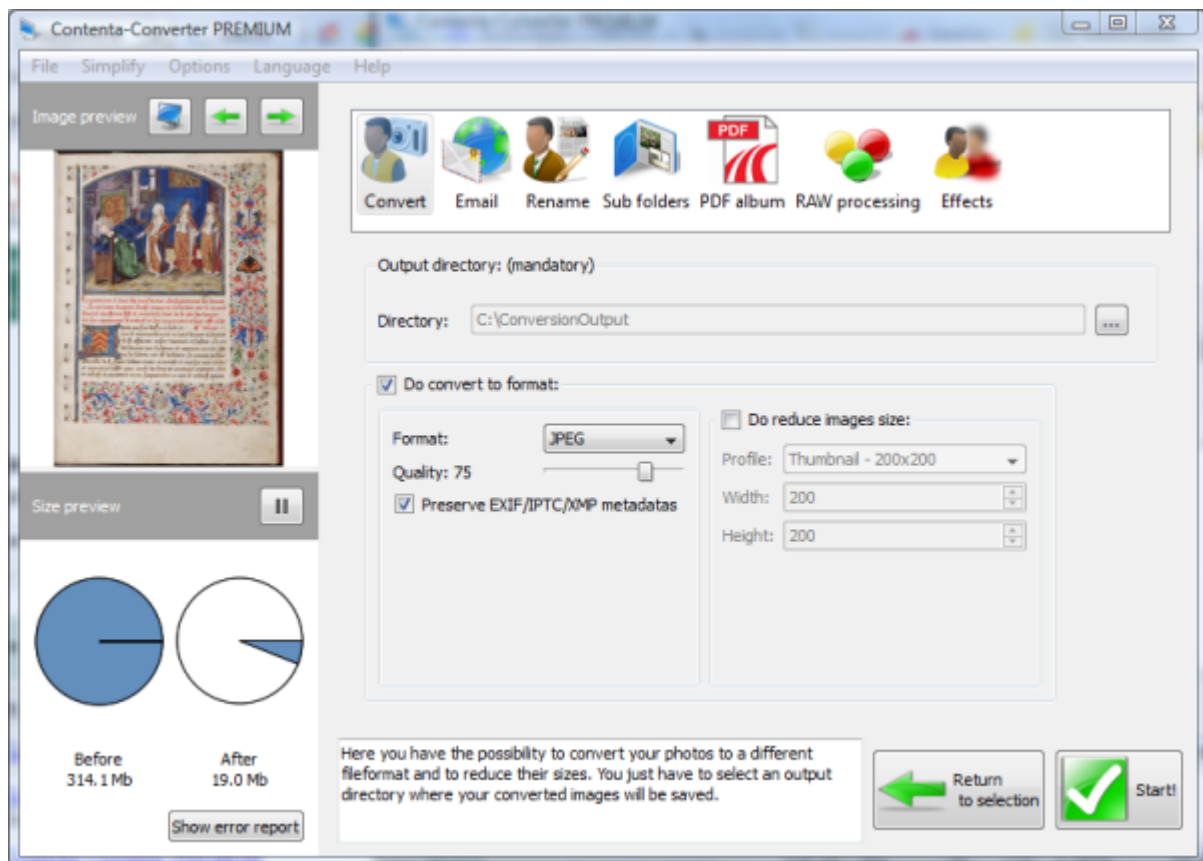
compression artefacts.

- GIF is another popular and lossless internet image format, but is limited to 256 colors.
- TIFF is also a lossless image format popular in the world of photo editing. If you do shoot JPEGs with your camera, you should consider convert them as TIFF for edition when you plan to repeatedly save the file to avoid the lossy JPEG compression discarding information every time.
- TARGA, BMP, WBMP, PPM, XPM are various lossless image formats that can eventually be useful depending on your needs. PGM is limited to grayscale colors while PBM to black&white.

- ICO are used for application icons and cannot be larger than 128x128 pixels.
- SVG is a vector image format that uses geometrical primitives such as points, lines, curves, and shapes instead of pixels to represent images.
- PS and EPS are postscripts format. They are often used for publishing purposes.
- PDF is the popular format developed by Adobe inc.

Additionally the following image formats are readable for conversion:

- All RAW formats: your camera may offer the option of saving Raw files. A raw file is a digital negative, it isn't processed in-camera and so is as accurate a recording of the scene as possible. They offer maximum control for further processing and should be preserved. These files are also large and slow to open and therefore unpractical for every day viewing. A conversion is then often recommended before being able to open them with your favorite image viewer. The following file extensions are supported: RAW, DNG, CRW, CR2, ORF, MRW, THM, NEF, PEF, SRF, ARW, 3FR, ERF, KDC, SR2, RAF, X3F, DCR, DRF, MEF, MOS, PTX.
- PSD: Adobe Photoshop
- CUT: Dr. Halo: \*.cut
- G3: Raw Fax format CCITT G3
- DDS: DirectDraw Surface
- IFF: Amiga IFF
- PCX: Zsoft Paintbrush PCX bitmap format
- PCD: Kodak PhotoCD
- KOA: Commodore 64 Koala format
- SGI: Silicon graphics SGI image format
- RAS: Sun rasterfile
- JNG: JPEG Network Graphics
- MNG: Multiple Network Graphics

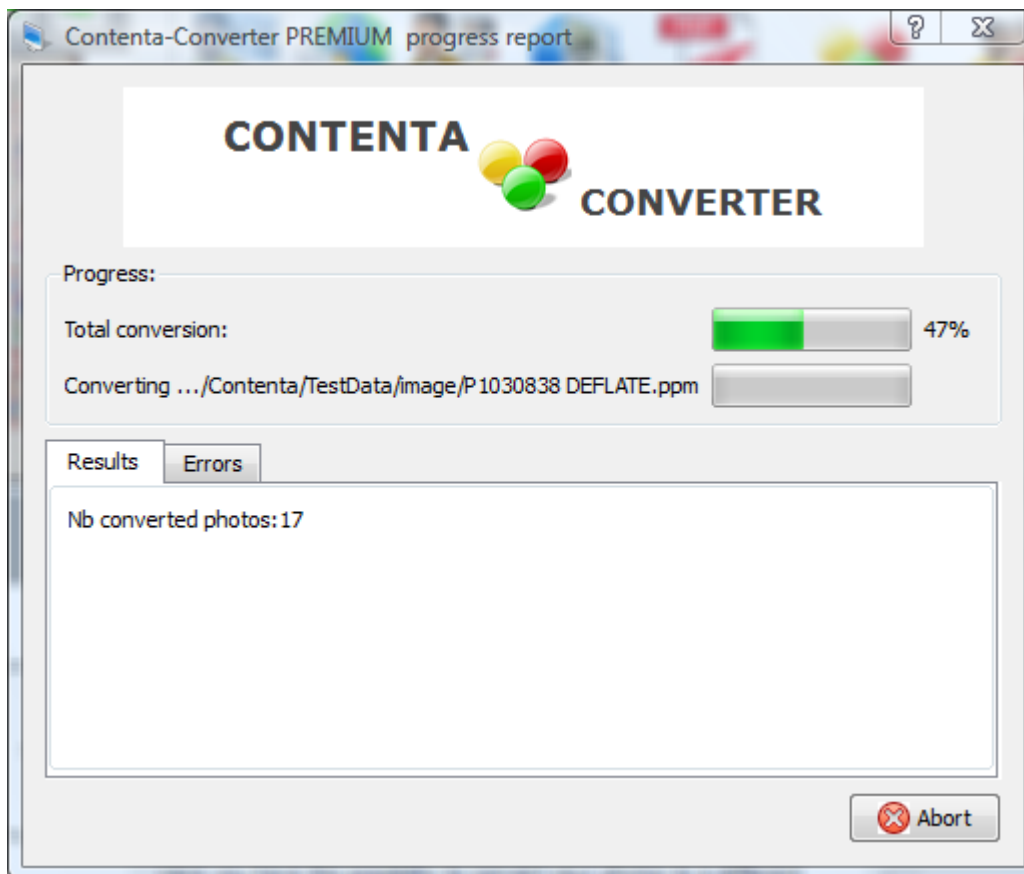


An estimation calculates automatically the size of your converted photos.

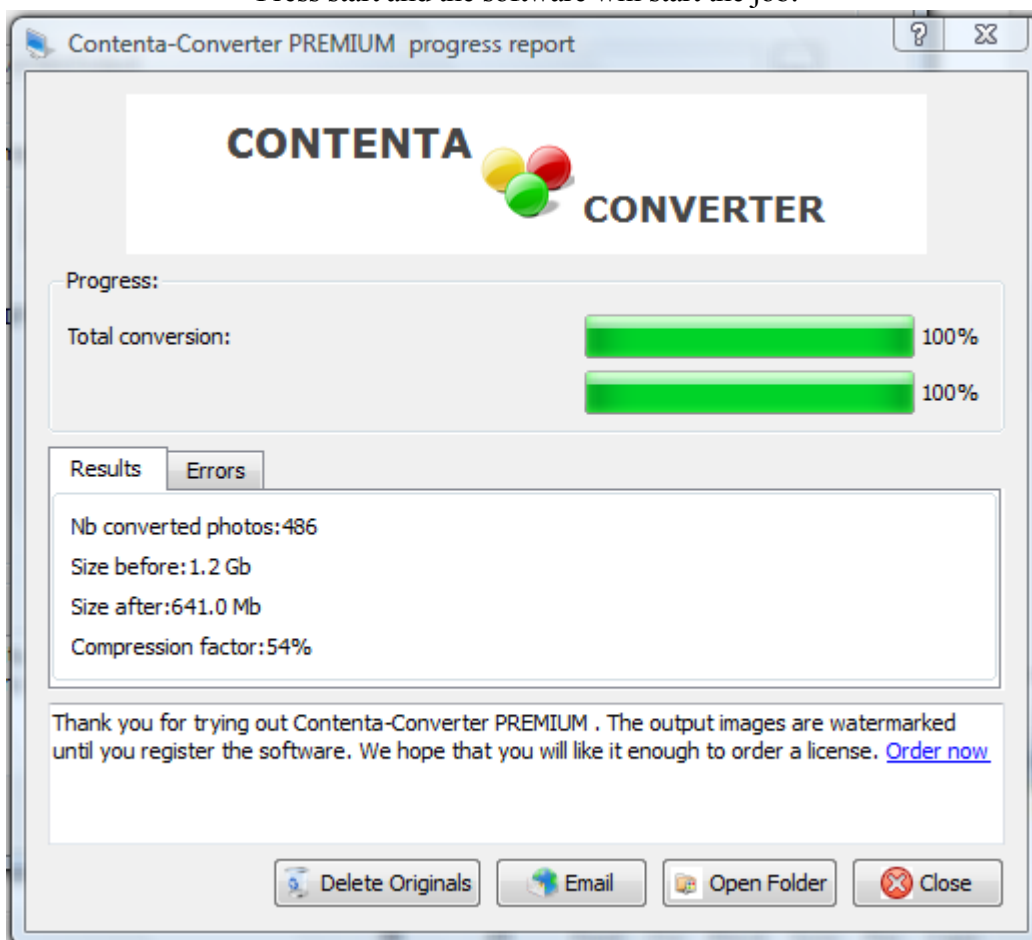
In the case of JPEG or JPEG 2000 conversion, you can set a quality setting. At 100, the quality is maximum and the compression minimum and at 0 the quality is minimum and the compression is maximum. A trade-off of 75 is usually a decent choice when size matters.

When converting to JPEG, JPEG 2000 or TIFF, the converted images can embed EXIF/IPTC/XMP metadatas which can be found in the originals photos. If this checkbox is checked, the metadatas will be preserved. This is almost always a good thing to preserve metadatas, so if you are in doubt you can just keep it checked.

If you deactivate the checkbox "Do convert to format", then no conversion will occur. This is useful when you wish to only apply metadata or batch rename or organize your pictures without modifying the image content or format.



Press start and the software will start the job.




Once the conversion is finished, you can choose to open the folder and email the converted images or delete the originals.


More details: "is Animated": it appears if the output format supports animations. Check the box it to make one animation file from your selection. A slider "Quality" appears if the output format is lossy and supports various levels of quality. Lower the "quality" for smaller file sizes and raise it for preserved quality. "is Transparent": it appears if the output format supports transparent backgrounds. Check it to change the background color to transparent. "Unique TIFF multi-page": This format supports multi-pages. Check it to create one multi-page file from your selection. "Multiple TIFF multi-page": Useful for the reduction of many multi-pages files in one single batch. Do not select if unsure. It converts from multi-page to multi-page TIFF but apply effects/reduction of the pages as stated in the interfaces.

## Photos resizing

You can optionally choose to reduce or enlarge the sizes of the images to a maximum. If you activate this option, no converted photos will be larger or smaller than the width and height specified.

See the effects of reducing the maximum image size in the Size preview.

 Here's how you can resize your photos to any size using Contenta Converter

 **Convert**

Open the "Convert" panel by clicking this icon or simply by hitting "Next" after adding your photos

Do convert to format:

Activate the option "Do convert to format" and choose the desired file type

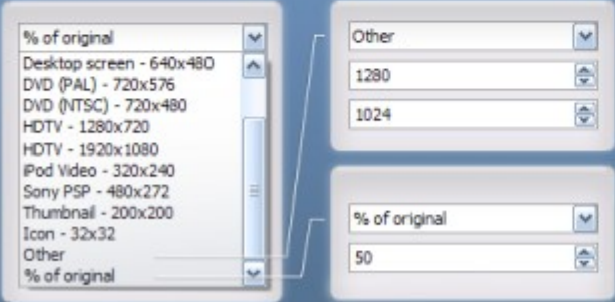
On the right hand side, tick "Do reduce image size" and select a profile


Do reduce images size:

Profile:	Desktop screen - 1280x1024
Width:	Desktop screen - 1024x768
Height:	Desktop screen - 800x600
	DVD (PAL) - 720x576
	DVD (NTSC) - 720x480
	HDTV - 1280x720
	HDTV - 1920x1080
	iPod Video - 320x240
	Sony PSP - 480x272
	Thumbnail - 200x200
	Icon - 32x32

You may also enter a custom width & height in pixels as well as percentage of the original image

Resize many photos at a time. Contenta Converter automatically applies your settings to all the photos in a batch, letting you convert multiple photos easily & conveniently.

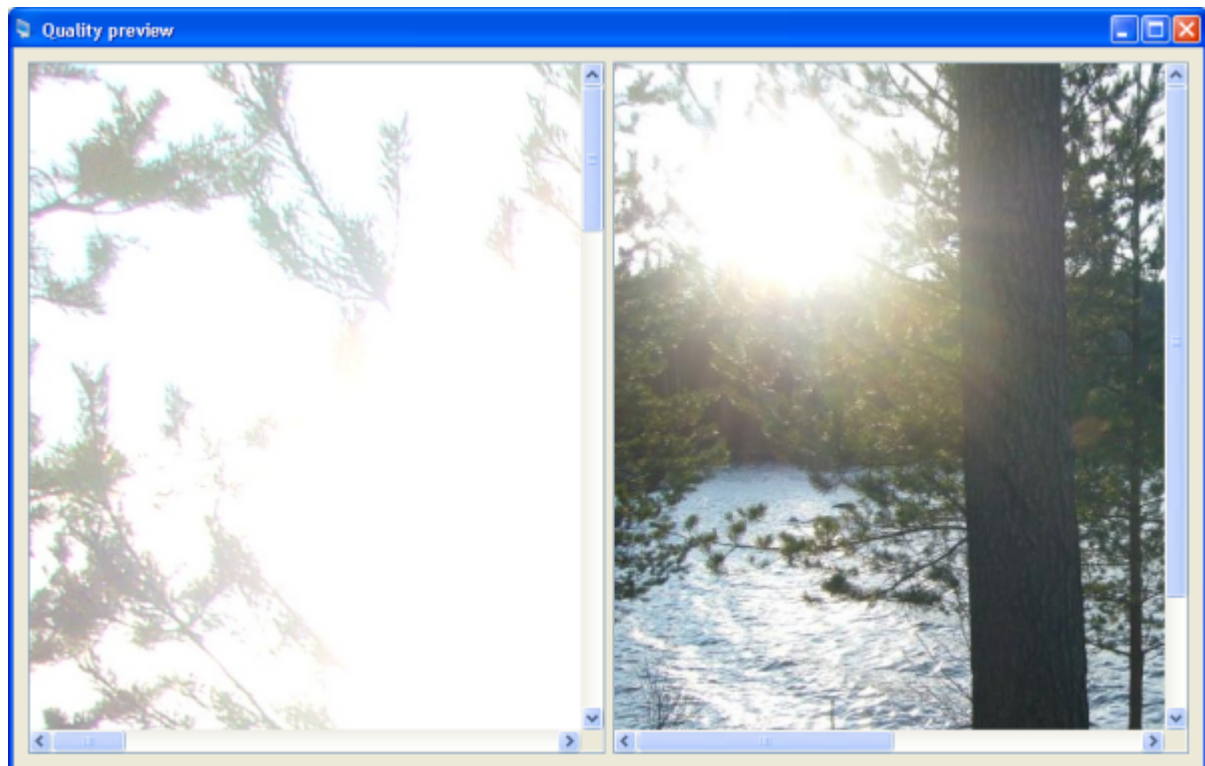
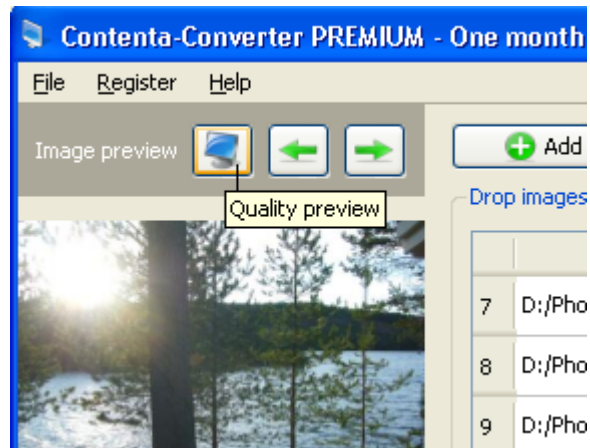






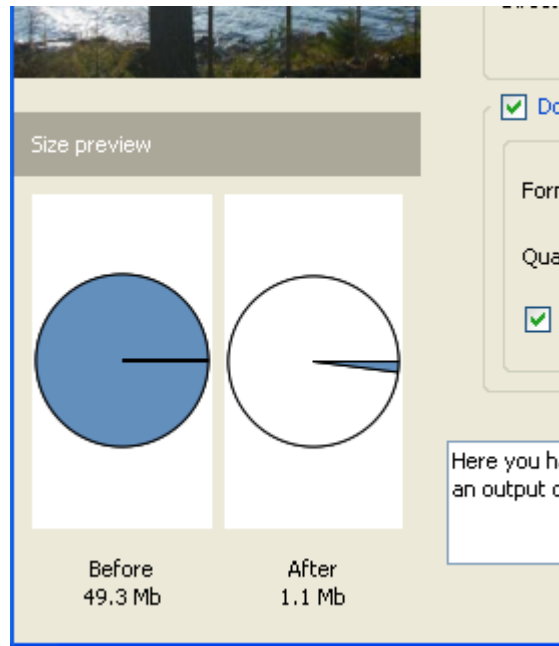
## Quality preview

There is a button labeled "Quality preview" in the Image preview panel that will let you compare the quality of images before and after conversion.



## File size preview

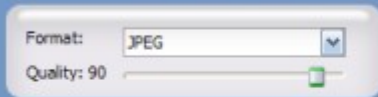
The "File size preview" is an automatically updated panel that will let you visualize how much space you save with a given conversion.





# JPEG file compression: finding a good trade-off between quality and file size.

When converting photos to JPEG in Contenta Converter, there is a slider control where you can adjust the quality of the output.



The same controls the amount of compression to be applied and, as a rule, the more compression we apply to a JPEG image, the smaller the file size, the lower the quality of the image.



Take this photo for instance

At 90% (10% compression)  
File size = 180kb  
Image quality = Excellent



At 40% Quality  
File size = 40kb  
Image quality = Very poor



At 65% Quality  
File size = 112kb  
Image quality = So so



At 80% Quality  
File size = 150kb  
Image quality = Very Good



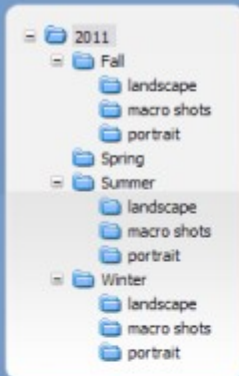
With the right compression %, you can send more photos as attachments to your email, share online on a limited webspace, without sacrificing too much on quality.



That also applies to JPEG2000 and WebP.



# How to save hundreds of MB on your whole photo collection



If you got hundreds or thousands of photos in your collection organized in sub-folders like this, you'd probably not bother resizing or compressing them just to save some disk space.

You'd think that it would be a tiresome job to convert them folder by folder.



The fact is, however, that you can easily recover decent amount of disk space while maintaining the sub-folder structure and keeping their metadata intact with Contenta Converter.

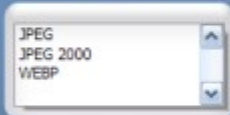
Start by adding the folder containing all your photos with this option:

Add folder and all subfolders recursively Alt+R

This adds all the photos in that folder and sub-folder tree.



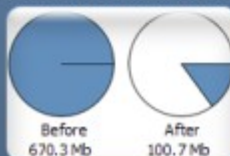
Choose any of these formats as conversion output



Using this slider, adjust the quality of the outputs (make sure however that you don't set it too low)



The "Size Preview" pane will show you the size of the collection on disk before and after the conversion.



Optional:

Do reduce images size:



Leave this selected to maintain all the embedded data in the photos.

Preserve EXIF/IPTC/XMP metadatas

See to it as well that this option is selected in the "Sub Folder" panel.

Clone current sub-folder structure

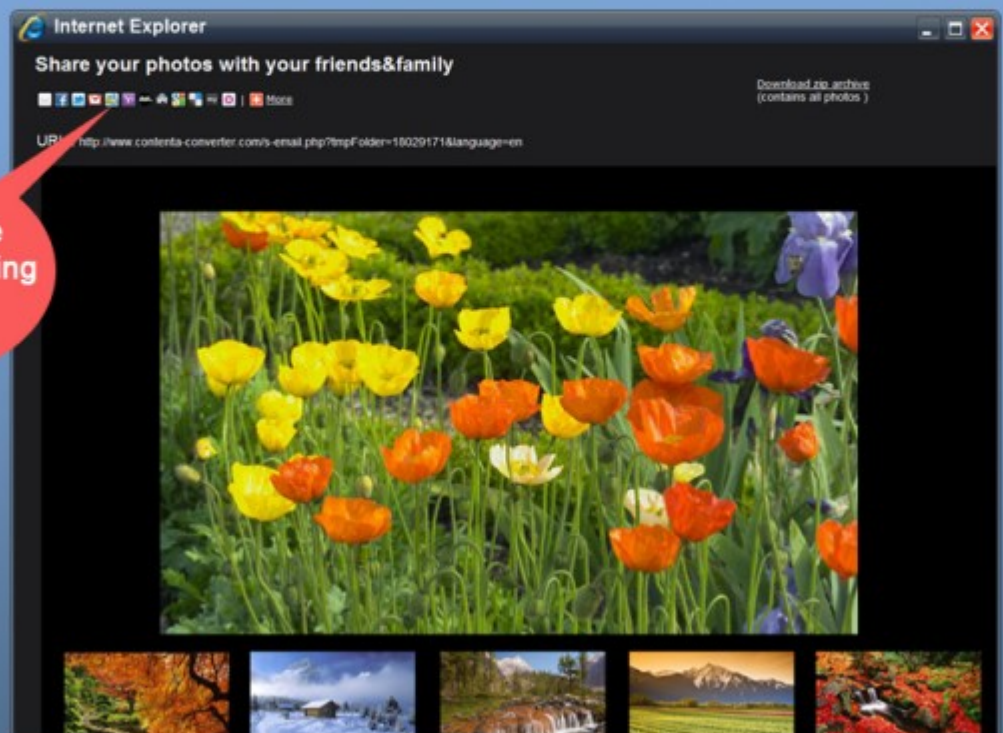
You can try this out on a small batch of photos that are organized in subfolders. Once you get the hang of it, you'll be all set to save hundreds of MB on your entire photo collection.

Also see: [JPEG file compression: finding a good trade-off between quality and file size](#)

## Share your photos

The sharing tool is practical to send small size photos to the web. Then you can just share the link of the web page with your friends.

Post your photos on our server for free  
No registration required



Provides more options for sharing your photos

## Rename automatically

This option makes it possible for you to rename all your photos to something better in no time.

You can either select one predefined pattern or write one yourself. Everything that you write between the characters % will be interpreted as a tag value. Everything else will be reproduced as is.

Examples:

If you write "%name%.%ext%", the %name% tag will be replaced by the original filename.

If you write "holiday%counter%.%ext%", the filenames will look like "holiday1.jpg", "holiday2.jpg", ...

There is a long list of possible tag to choose from that will take a value if the photo contains metadata about it. The possibilities are endless.

The %counter% tag has two special options.

The number of digit(s) that will be used when replacing the tag by its value. Example: Number of digit(s) = 3 implies that the filenames will look like "holiday001.jpg", "holiday002.jpg", ...

The start value indicates that the counter has to start from the specified value. The default value is 1.

# Renaming your photos

Contenta Converter PREMIUM - One month left before disactivation. Register now!

File Buy now Register Simplify Options Language Help

Image preview

Convert Share **Rename** Sub folders PDF album RAW Advanced processing

Do not rename  
 Do rename:

Pattern: %name%. %ext%

Preview:  
photo 060.jpg  
photo 020.jpg  
photo 030.jpg  
photo 040.jpg  
photo 050.jpg

Tags available:  
File Name  
%name% [Insert] [Remove]

Compose your pattern using the "Insert" and "Remove" buttons above

Detected values for this tag for the first 15 photos:  
photo 060 photo 020 photo 030 photo 040 photo 050

Before 2.1 Mb After 4.7 Mb

Rename your files according to a pattern. Use the predefined tags and preview the filenames obtained.

[Return to selection] [Start]

**Rename**  
your converted photos  
into more relevant,  
meaningful names. Start  
by going to the 'Rename'  
panel and tick the  
option "Do rename"

# Rename - Pattern

Choose a preset pattern

Do not rename  
 Do rename:

Pattern:

Preview:  
photo 060.jpg  
photo 020.jpg  
photo 030.jpg  
photo 040.jpg  
photo 050.jpg

Tags available:  
File Name

Compose your pattern using the "Insert" and "Remove" buttons above

Detected values for this tag for the first 15 photos:

%name%.%ext%  
%name%.%ext%  
%counter%\_%name%.%ext%  
%y%\_%name%.%ext%  
%creator% %name%.%ext%  
%cameramodel% %name%.%ext%  
%lens% %name%.%ext%

File Name  
File Type  
Counter  
Creation year  
Creation month  
Creation day  
Creation hour  
Creation minute  
Creation second  
Creator  
Location  
Title page  
Exposure Time  
F Number  
Focal Length  
Max Aperture Value  
Camera Model  
ISO  
Lens  
Scene Type  
Shutter Speed  
Image Size

or create your own by adding/removing tags to/from the pattern box. Some tags are for data embedded in your photo files



# Begin renaming when you're all set

Type something or add an underscore in the name pattern to further customize it

Do not rename  
 Do rename:

Pattern: Nick %title%\_%location%\_%counter%.%ext%

Preview:  
NickSpring\_Onomichi\_01.jpg  
NickSpring\_Onomichi\_02.jpg  
NickSpring\_Onomichi\_03.jpg  
NickSpring\_Onomichi\_04.jpg

Tags available:  
Title page  
%title%

Compose your pattern using the "Insert" and "Remove" buttons above

Detected values for this tag for the first 15 photos:  
Spring Spring Spring Spring

Counter options:  
Number of digit(s): 2  
Start value: 2

Then click the 'Start' button to begin the renaming process



## Organize in subfolders automatically

This option makes it possible for you to group your photos into relevant subfolders automatically. The pattern is defined in pretty much the same way as for renaming, but the character / will stand as a directory separator to introduce a new sub-folder.

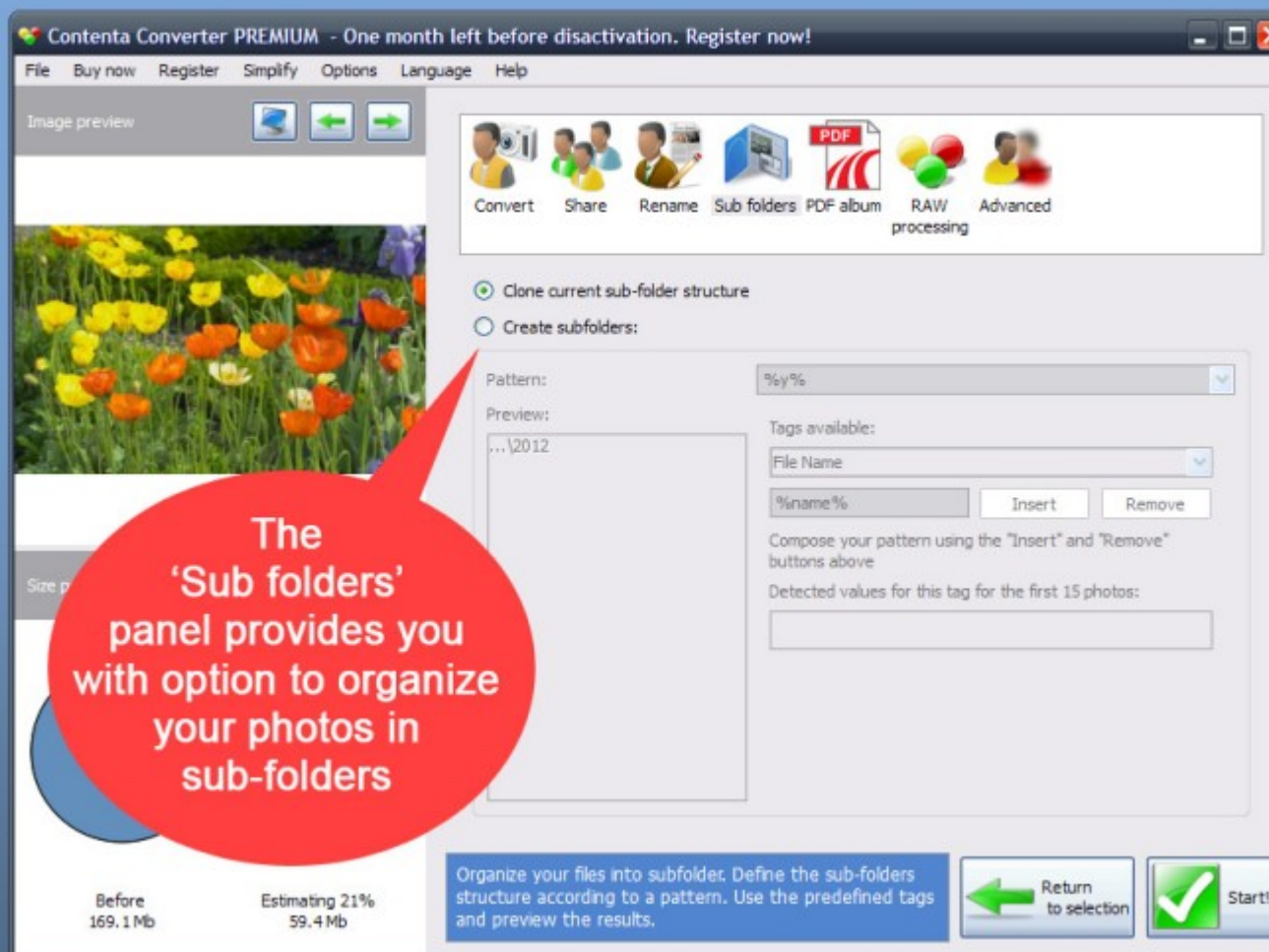
Examples:

If you write %y%, the photos will be grouped in the subfolders "2008", "2007", ...

If you write %y%%m%, the photos will be grouped in the subfolders "200810", "200709", ...

There is a long list of possible tag to choose from that will take a value if the photo contains metadata about it. The possibilities are endless.

## Organize your photos in sub-folders



Contenta Converter PREMIUM - One month left before disactivation. Register now!

File Buy now Register Simplify Options Language Help

Image preview

Convert Share Rename Sub folders PDF album RAW Advanced processing

Clone current sub-folder structure  
 Create subfolders:

Pattern: %y%

Preview: ... \2012

Tags available:  
File Name  
%name% Insert Remove

Compose your pattern using the "Insert" and "Remove" buttons above

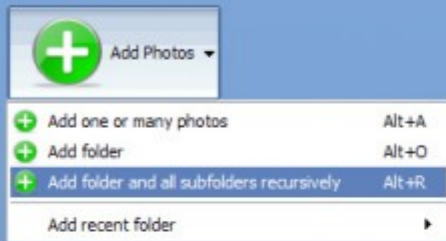
Detected values for this tag for the first 15 photos:

Before 169.1 Mb Estimating 21% 59.4 Mb

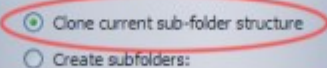
Organize your files into subfolder: Define the sub-folders structure according to a pattern. Use the predefined tags and preview the results.

Return to selection Start!

# Clone source sub-folder structure



Clone the structure of the source folder's heirarchy by choosing 'Clone current sub-folder structure in the 'Sub folders' panel



Output folder structure



# Create subfolders using filename, date, creator

Use the data embedded in your photos to automatically create subfolders. In our example, we use the creator and photo title

Clone current sub-folder structure  
 Create subfolders:

Pattern:

Preview:  
... \Jenny Dela Cruz\_Spring  
... \Johnny Dela Cruz\_Spring  
... \Mikey Dela Cruz\_Spring

Tags available:  
Creator

Compose your pattern using the "Insert" and "Remove" buttons above

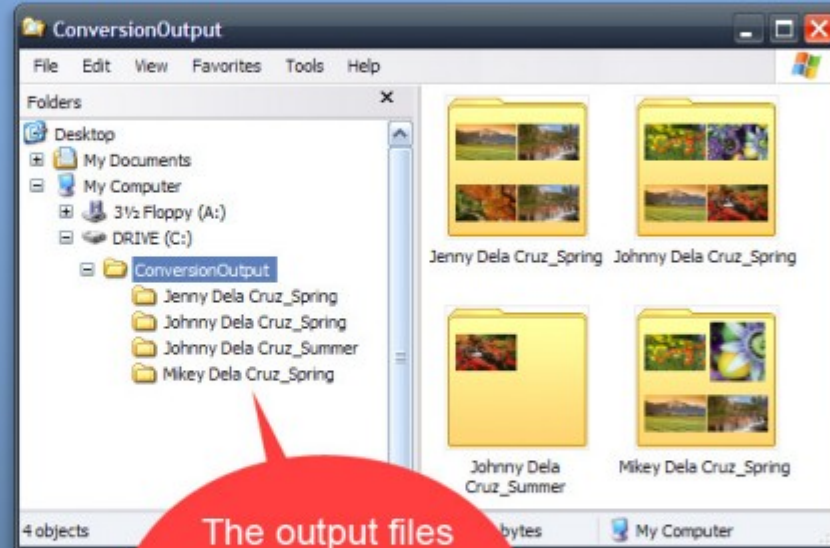
Detected values for this tag for the first 15 photos:

More tags available for your custom sub-folder structure

File Name  
File Type  
Counter  
Creation year  
Creation month  
Creation day  
Creation hour  
Creation minute  
Creation second  
Creator  
Location  
Title page  
Exposure Time  
F Number  
Focal Length  
Max Aperture Value  
Camera Model  
ISO  
Lens  
Scene Type  
Shutter Speed  
Image Size

# Output sub-folders

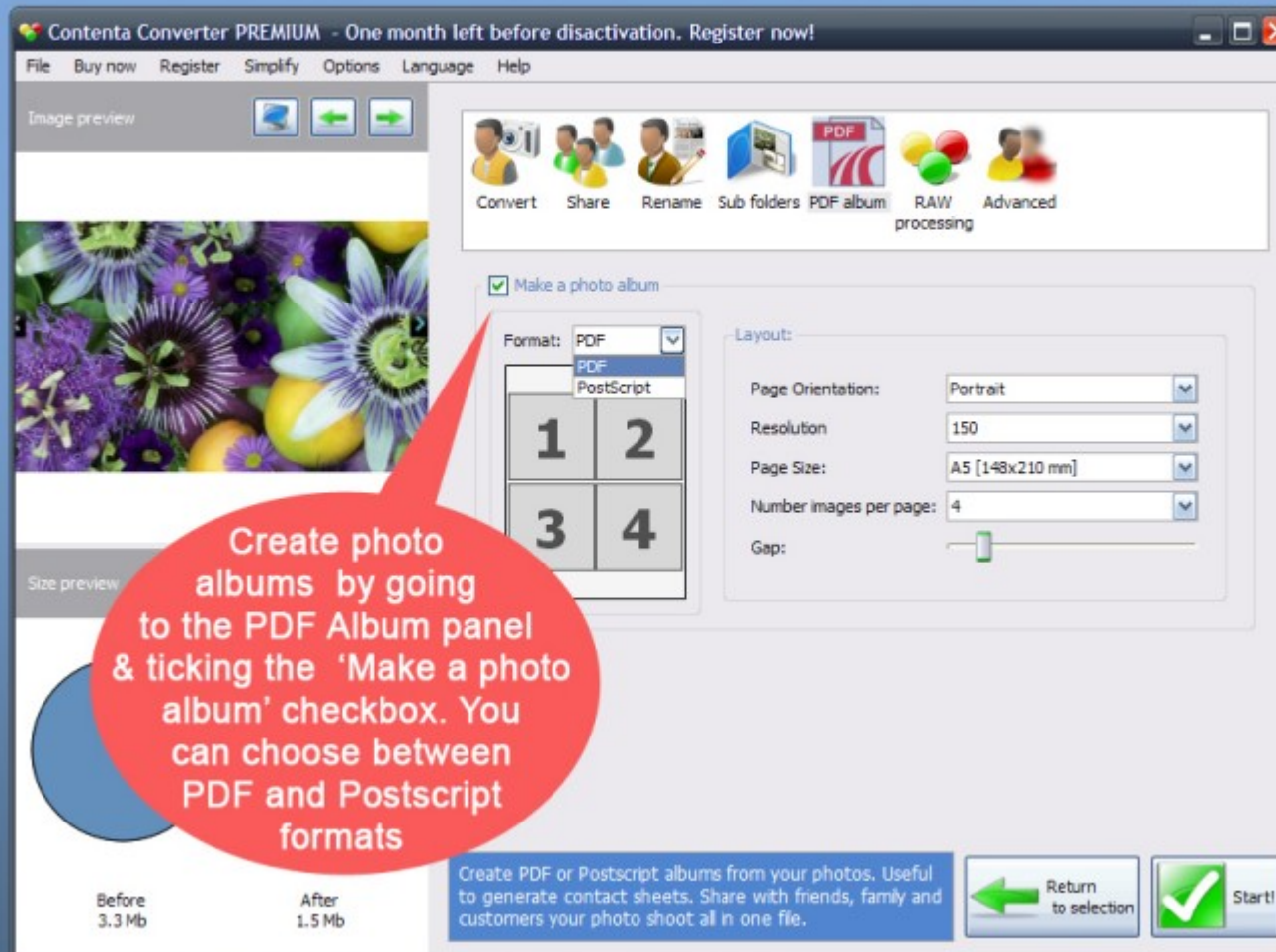
Click 'Start'  
When you're done  
setting the pattern



The output files  
are organized  
in sub-folder structure  
based on the  
pattern set

## How to create a photo album?

### Creating a PDF photo album



The screenshot shows the Contenta Converter PREMIUM software interface. The window title is "Contenta Converter PREMIUM - One month left before disactivation. Register now!". The menu bar includes "File", "Buy now", "Register", "Simplify", "Options", "Language", and "Help". The main interface features an "Image preview" section on the left showing a photo of purple flowers and lemons. Below it is a "Size preview" section showing a blue circle. The right side of the interface has a toolbar with icons for "Convert", "Share", "Rename", "Sub folders", "PDF album", "RAW", and "Advanced processing". The "PDF album" icon is highlighted. Below the toolbar, there is a checkbox labeled "Make a photo album" which is checked. To the right of this checkbox is a "Format" dropdown menu with "PDF" selected, and a "Layout" section with settings for "Page Orientation" (Portrait), "Resolution" (150), "Page Size" (A5 [148x210 mm]), "Number images per page" (4), and a "Gap" slider. A red speech bubble points to the "Format" dropdown and the "Make a photo album" checkbox. At the bottom of the interface, there is a "Before 3.3 Mb" and "After 1.5 Mb" section, a blue box with text: "Create PDF or Postscript albums from your photos. Useful to generate contact sheets. Share with friends, family and customers your photo shoot all in one file.", and two buttons: "Return to selection" and "Start!".

**Create photo albums by going to the PDF Album panel & ticking the 'Make a photo album' checkbox. You can choose between PDF and Postscript formats**

Before 3.3 Mb      After 1.5 Mb

Create PDF or Postscript albums from your photos. Useful to generate contact sheets. Share with friends, family and customers your photo shoot all in one file.

Return to selection      Start!

# PDF Album - Parameters

Before disactivation. Register now!

Convert Share Rename Sub folders PDF album RAW processing Advanced processing

Make a photo album

Format: PDF

Layout:

Page Orientation: Portrait

Resolution: 150

Page Size: A5 [148x210 mm]

Number images per page: 4

Gap:

1 2  
3 4

Create PDF or Postscript albums from your photos. Useful for separate contact sheets. Share with friends, family and friends. Put your photo shoot all in one file.

Return to selection Start!

Use slider to adjust horizontal gap between photos

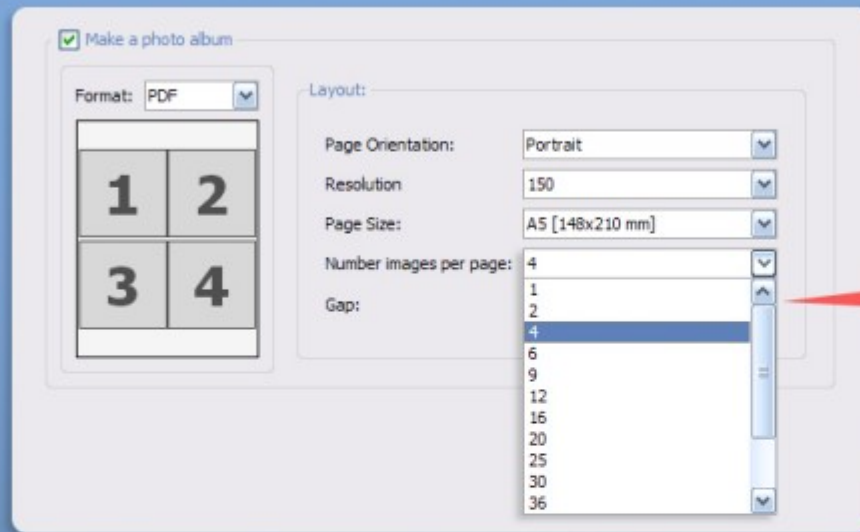
- Portrait
- Portrait
- Landscape

- 72
- 72
- 150
- 300
- 600

- A4 [210x297 mm]
- A4 [210x297 mm]
- Letter [8.5x11 inches]
- A0 [841x1189 mm]
- A1 [594x841 mm]
- A2 [420x594 mm]
- A3 [297x420 mm]
- A5 [148x210 mm]
- A6 [105x148 mm]
- A7 [74x105 mm]
- A8 [52x74 mm]
- A9 [37x52 mm]

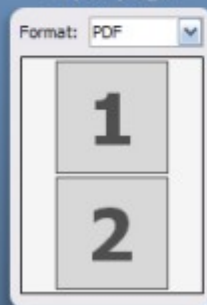
- 4
- 1
- 2
- 4
- 6
- 9
- 12
- 16
- 20
- 25
- 30
- 36

# PDF Album - Layout



Your album's page layout changes automatically as you change the number of images per page

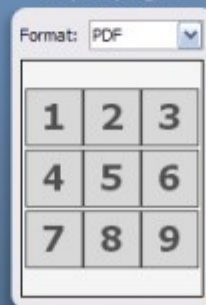
2 per page



6 per page



9 per page



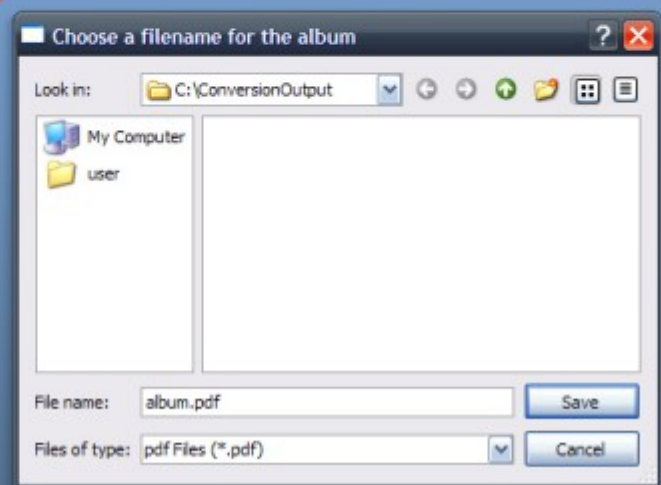
25 per page





# Saving your album into file

When done setting parameters for your album, click 'Start', choose a file name and Save your PDF album

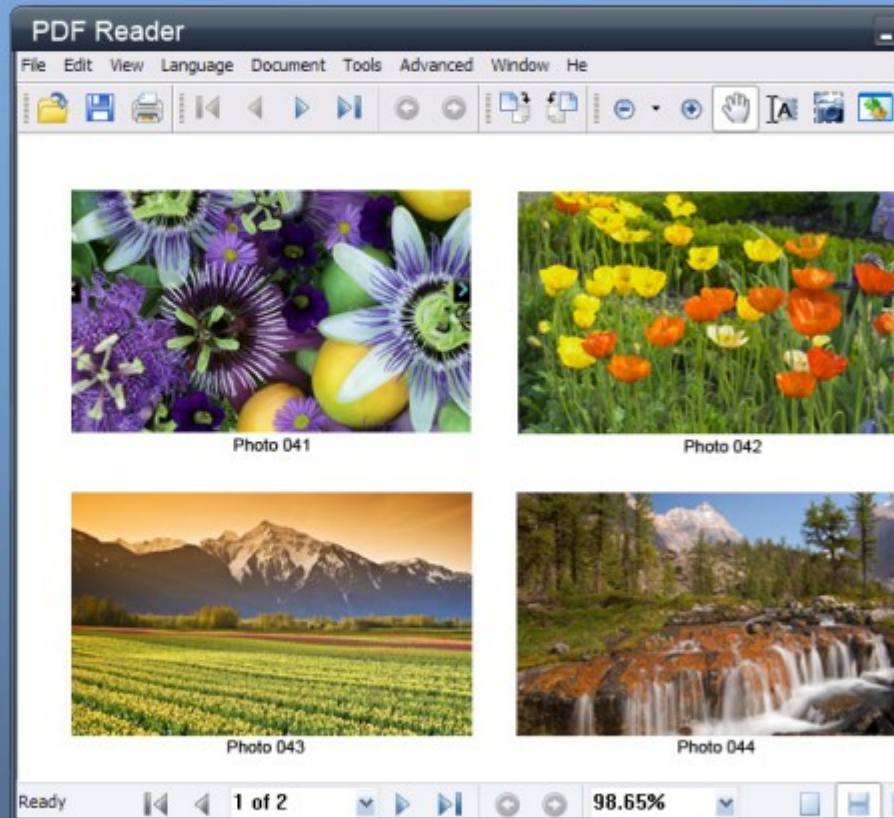


# PDF Album in PDF reader



Album

Your PDF album is now saved and ready to be viewed in PDF reader or printed



## RAW Processing

The RAW processing panel will let you develop your digital negatives in batch. You can choose a brightness level. If it is inferior to 1, your photos will be darker and if it is superior to 1 they will be brighter.

The white balance gives a particular color temperature to your photos. It refers to the relative warmth or coolness of white light. You can choose to select the white balanced stored in your digital camera or let it be automatically optimized.

You can choose to use denoising. A stronger denoising level will have stronger effect but might remove interesting details.

For all these settings you can use the [quality preview](#) in order to check the result of your choice of parameters.

## Boosting

The software offers three fully automatic algorithms for image enhancement. They are not applicable for all photos, but they may help you in certain cases when sharpness, color or contrast are lacking.

- **Boosting sharpness:** Sometimes your images need a little bit of help to become really sharp. Maybe the shot was taken slightly unfocused ? Or you are reducing the resolution and losing sharpness ? This filter will completely automatically apply the right amount of sharpness to your pictures. It is not recommended to use it, if you are already satisfied with the current sharpness or if your image are quite noisy. Sharpness is boosted by the refocus algorithm. It uses an advanced Fir/Wiener algorithm that can do any sharpening with really amazing results.
- **Boosting color:** Color boosting with reinforce the colors to make sure they are maximally saturated. It is recommended to use it when the flash made your photos look pale and whitened the original colors. Make sure the image has a sufficient range of colors to obtain the best results. Colors are boosted by performing a histogram equalization of the saturation. It makes your photos optimally saturated.
- **Boosting contrast:** Sometimes the photos can look greyish due to poor contrast. In that case, contrast boosting will help to make the white be white and the dark be really dark. It will not work well if the photo is only too dark. Contrast is boosted by a histogram equalization of the brightness. Black will be black and white will be white and everything in between adjusted.

# Adjusting brightness, color balance etc.

The screenshot displays the 'Contenta Converter PREMIUM' software interface. The title bar indicates 'One month left before disactivation. Register now!'. The menu bar includes 'File', 'Buy now', 'Register', 'Simplify', 'Options', 'Language', and 'Help'. The main window is divided into several sections:

- Image preview:** Shows a photograph of purple and white flowers.
- Size preview:** Shows the image size before and after processing: 'Before 3.3 Mb' and 'After 7.2 Mb'.
- RAW processing panel:** Contains various adjustment options:
  - Set brightness: A slider ranging from 'Dark' to 'Bright 1.00'.
  - Select white balance:** Radio buttons for 'Use white balance from camera', 'Auto white balance', and 'Manually select color temperature' (which is selected). Below it, a 'Profile temperature' dropdown menu is set to 'Flash', and a 'Cold' to 'Hot 6526.00 K' slider.
  - Perform denoising: A 'Denoising level' slider set to 100.
  - Boosting:** Checkboxes for 'Boosting sharpness', 'Boosting color', and 'Boosting contrast', all of which are currently unchecked.
- Bottom right:** A blue informational box states: 'RAW processing gives you more power when developing your digital negatives. You can tune the brightness and the white balance of your photos in batch. This feature is only available in the PREMIUM'. Next to it are 'Return to selection' and 'Start!' buttons.

The RAW processing panel contains tools you need for batch image adjustments

# RAW processing - Parameters

Adjust your photos' brightness, color temperature etc. in batch by setting their values in the parameters on the right hand side of the application

The image shows a software interface for RAW processing. On the left, four pairs of photos of a red flower are shown, each with an arrow pointing from the original to the processed version. Brackets group these pairs to correspond with different sections of the parameters panel on the right. The parameters panel includes:

- Set brightness: A slider from Dark to Bright, currently at 1.00.
- Select white balance:
  - Use white balance from camera
  - Auto white balance
  - Manually select color temperature
- Profile temperature: A dropdown menu with options: Tungsten, Fluorescent, Daylight, Cloudy, Flash (selected), Shade.
- Cold to Hot slider: Currently set to 6526.00 K.
- Perform denoising: Denoising level slider set to 100.
- Boosting section:
  - Boosting sharpness
  - Boosting color
  - Boosting contrast

At the bottom, two more pairs of photos are shown, with brackets indicating they are the result of the 'Boosting color' and 'Boosting contrast' adjustments.

This section allows precise and manual adjustment of color temperature as well as...

# Saving your RAW-processed photos

Click "Start" button when done setting the parameters to process and save your photos



Contenta Converter PREMIUM progress report

Stats Images PDF album Errors

Nb converted files: 5  
Size before: 2.1 Mb  
Size after: 2.2 Mb  
Compression factor: 106%

Before 2.1 Mb      After 2.2 Mb

Open files location

The screenshot shows a progress report window with a navigation bar containing icons for Stats, Images, PDF album, and Errors. Below the navigation bar, it displays conversion statistics: 5 files converted, size increasing from 2.1 Mb to 2.2 Mb, and a 106% compression factor. Two pie charts are shown: the 'Before' chart has a small white slice, and the 'After' chart has a larger white slice. At the bottom, there is an 'Open files location' button.

Note: RAW processing will apply only for RAW images. The pixels are processed directly in the lossless 16 bit per color channel format captured by the CCD camera.

## Apply effects

Many effects are available:

- Color processing:
  - Lighten - makes image lighter
    - the level parameter will lighten the image more when it is bigger
  - Darken - makes image darker
    - the level parameter will darken the image more when it is smaller
  - Contrast - adjust contrast
    - the level parameter will increase contrast when it increases
  - Black&White: change your photos to black&white. Artistic touch!
- Sepia: change your photos to sepia so that they look vintage
- Brightness/Contrast/Gamma: tune brightness, contrast and gamma
- Hue saturation - adjust hue and saturation
  - the hue parameter will change the dominant hue of the image
  - the saturation parameter will increase the intensity of colors in the image
- ColorLevel
- ColorBalance
- AutoColorLevel
- Colortone
- Threshold
- Posterize
- Solarize
- Boosting color: make sure your photos are maximally saturated. Can significantly improve your photos.
- Boosting contrast: make sure the whole range of brightness from white to black is used. Can significantly improve your photos.
- Filtering:
  - Blur: add an artistic blur
  - Improve focus: make your images sharper by refocusing the photos
  - Sharpening: reinforces the edges of your blurry images to make it sharper
  - Hot pixels denoising: denoise your image with the median filter Motionblur Radialblur Zoomblur Invert Noisy Mosaic
  - Composition:
    - Crop
    - Rotate
    - Flip
  - Advanced effects:
    - Pencil sketch
    - Oil paint
    - Emboss
    - Oldphoto
    - Glow
    - Soft portrait

- Shift
- Ribbon
- Bulge
- Twist
- Illusion
- Wave
- Ripple
- Splash
- Softedge
- Frames

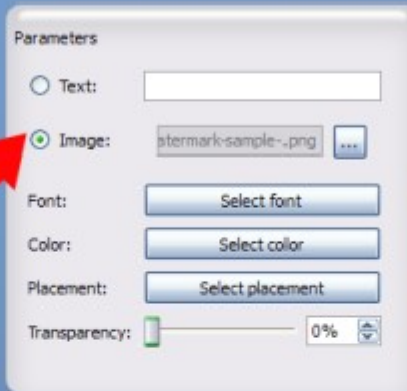
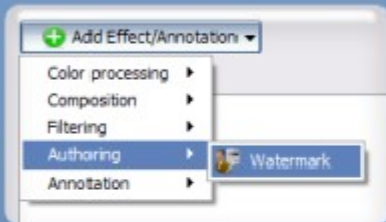


## Watermark your photos



Here's how you can add opaque logo stamps to your photos using Contenta Converter.

Click this menu in the "Advanced" tab and choose "Watermark"



Select "Image" in the Parameters panel & browse for a logo image to use.

A PNG with transparent background is excellent for this purpose.



This is how it will look when applied to right-bottom corner of the photo.



## Apply metadata to your photos

# Embedding data to your photos

**How to access?**

+ Add Effect/Annotation ▾

- Color processing ▸
- Composition ▸
- Filtering ▸
- Authoring ▸
- Annotation ▸
  - Resolution
  - Date/Time
  - Description
  - Location
  - Advanced Description
  - Legal
  - Workflow
  - Author

Annotate your photos by embedding data to them. Details such as the author, date, description etc. can be of valuable information to you and the people you share them with

photo 0440.jpg - EXIF Info

EXIF Tag	Value
Image Description	Arrangement of fruits and flo
Advanced Description:	
Keywords	flower, fruits, spring
Events	vacation, spring
People	Johnny, Jenny, Mike
Orientation	Top left
XResolution	300
YResolution	300
Resolution Unit	Pixel Per Inch
YCbCsPositioning	Centered
Copyright	Copyright © 2012 Johnny D
Location :	
City	Onomichi
Region	Hiroshima
Country	Japan
Photographer	Mr. Johnny Dela Cruz
Photographer email	johnnydc@jdconline.com
Photographer website	www.jdconline.com

Copy to clipboard    Exit

# Adding info to file

The screenshot shows the 'Contenta Converter PREMIUM' software interface. The window title is 'Contenta Converter PREMIUM - One month left before disactivation. Register now!'. The menu bar includes 'File', 'Buy now', 'Register', 'Simplify', 'Options', 'Language', and 'Help'. The main interface is divided into several sections:

- Image preview:** Displays a photograph of a purple passionflower and a yellow fruit.
- Size preview:** Shows two pie charts comparing file sizes: 'Before' (110.5 kb) and 'After' (46.4 kb).
- Tools:** A row of icons for 'Convert', 'Share', 'Rename', 'Sub folders', 'PDF album', 'RAW', and 'Advanced processing'.
- Add Effect/Annotation:** A dropdown menu with a list of effects: Resolution, Date/Time, Description, Location, Advanced Description, Legal (highlighted), Workflow, Photographer, and Photographer Address.
- Parameters:** A form with fields for 'Enter copyright:' (filled with 'Copyright © 2012 Johnny Dela Cruz All r'), 'Enter credit:', 'Enter usage terms:' (filled with 'Non commercial use only'), 'Enter instructions:' (filled with 'act photographer for copyright concerns'), and a checkbox for 'Data will be embedded into your photos'.

A red speech bubble with white text is overlaid on the 'Legal' tag and the 'Parameters' form, stating: 'Add information by selecting tags from the menu and entering their values in the parameters form'. At the bottom right, there are buttons for 'Return to selection' and 'Start!'.

# Annotation parameters

The image shows a screenshot of a software interface for adding annotations to a PDF. A central menu titled "List of effects" is highlighted, with lines connecting it to various input forms. The forms are organized as follows:

- Resolution:** Enter resolution (in dpi): 300
- Date/Time:** Date Created: 2/12/2012 6:58:20 PM; Date Modified: 6/8/2012 6:58:20 PM
- Description:** Enter title: Spring Flowers 041; Enter rating (higher is better): 5; Enter description: Arrangement for fruits and flowers emphasizing purple color
- Location:** Enter location: Onomichi; Enter city: Onomichi; Enter state/region: Hiroshima; Enter country: Japan
- Advanced Description:** Enter keywords (comma separated): flower, fruits, spring; Enter events (comma separated): vacation, spring; Enter people (comma separated): Johnny, Jenny, Mike
- Legal:** Enter copyright: Copyright © 2012 Johnny Dela Cruz All r; Enter credit: ; Enter usage terms: Non commercial use only; Enter instructions: act photographer for copyright concerns
- Workflow:** Enter your title: Mr.; Enter your name: Johnny Dela Cruz; Enter your email: johnydc@jdconline.com; Enter your phone: 09465330382; Enter your URL: www.jdconline.com
- Photographer:** Enter your address: Manila; Enter your zip code: 1016; Enter your city: Sta. Mesa; Enter your state: ; Enter your country: Philippines
- Photographer Address:** Enter urgency: 5 (Normal); Enter status: Completed

The central menu includes options: Resolution, Date/Time, Description, Location, Advanced Description, Legal, Workflow, Photographer, and Photographer Address. Below the menu are buttons for "Remove", "Move up", and "Move down".

# Embedded data

Data in your photos can be read by most image editing/viewing programs and provide relevant info to their viewers



## How to convert to PDF?

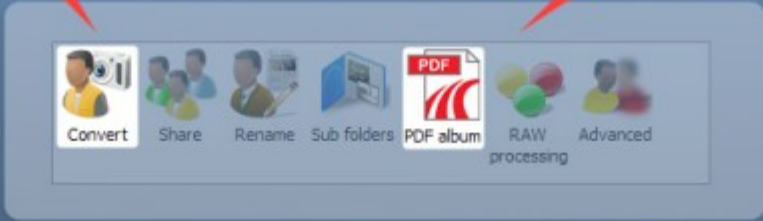
### Converting your photos to PDF

There are a couple of ways you can convert your photos to PDF with Contenta Converter



by using the "Convert" panel to turn each photos into individual PDF files

or the "PDF Album" panel to compile said photos into one PDF album file



# Converting photos into individual PDF files

The screenshot shows the 'Contenta Converter PREMIUM' application window. The title bar indicates 'One month left before disactivation. Register now!'. The menu bar includes 'File', 'Buy now', 'Register', 'Simplify', 'Options', 'Language', and 'Help'. The main interface features an 'Image preview' section on the left showing a photo of yellow and orange flowers. Below the preview, it displays 'Before 28.5 Mb' and 'After 9.9 Mb'. A red speech bubble with white text is overlaid on the interface, pointing to the 'Format' dropdown menu. The text in the bubble reads: 'To do this, open the 'Convert' panel, tick the 'Do convert to format' check box and choose 'PDF' from the selection of available output formats'. The 'Convert' panel on the right includes buttons for 'Convert', 'Share', 'Rename', 'Sub folders', 'PDF album', 'RAW', and 'Advanced processing'. Below these buttons, there is a section for 'Output directory: (mandatory)' with a text box containing 'C:\ConversionOutput' and buttons for 'Open Folder', 'Change folder', and 'Clean'. A checked checkbox labeled 'Do convert to format:' is visible. The 'Format:' dropdown menu is open, showing a list of options: PDF, ICO, TARGA, PPM, PGM, PBM, XPM, SVG, EPS, PS, PDF, and 'Same format as original'. To the right of the format list, there is a section for 'Do reduce images size:' with a checkbox, a 'Profile:' dropdown set to 'Desktop screen - 1024x768', and input fields for 'Width: 1024' and 'Height: 768'. At the bottom of the window, there is a blue instruction box: 'Convert your files to a different format and reduce their sizes. You just need to select an output directory where your converted photos will be saved. Then click Start!'. To the right of this box are two buttons: 'Return to selection' (with a green arrow) and 'Start!' (with a green checkmark).

To do this, open the 'Convert' panel, tick the 'Do convert to format' check box and choose 'PDF' from the selection of available output formats

Before 28.5 Mb      After 9.9 Mb

Convert your files to a different format and reduce their sizes. You just need to select an output directory where your converted photos will be saved. Then click Start!

Return to selection      Start!

# Reduce image size option

The screenshot displays the Contenta Converter PREMIUM software interface. The window title is "Contenta Converter PREMIUM - One month left before disactivation. Register now!". The menu bar includes "File", "Buy now", "Register", "Simplify", "Options", "Language", and "Help".

On the left, there is an "Image preview" section showing a photograph of yellow and orange flowers. Below it is a "Size preview" section with a play button icon. It contains two pie charts: the first is labeled "Before 28.5 Mb" and the second is labeled "Estimating 78% 63.8 Mb".

The main control area on the right includes:

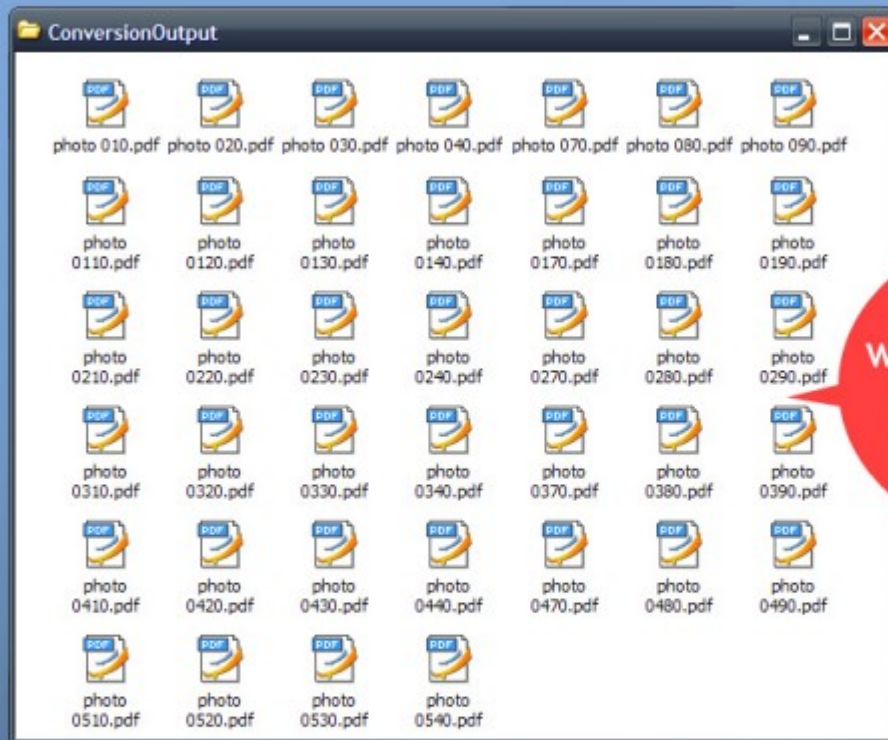
- Buttons for "Convert", "Share", "Rename", and "Sub".
- "Output directory: (mandatory)" with a text field containing "C:\ConversionOutput".
- A checked checkbox "Do convert to format:" with a dropdown menu set to "PDF".
- A checked checkbox "Do reduce images size:" with a dropdown menu showing various profiles. The selected profile is "Desktop screen - 1280x1024". Other visible profiles include "Desktop screen - 1024x768", "Desktop screen - 800x600", "Desktop screen - 640x480", "DVD (PAL) - 720x576", "DVD (NTSC) - 720x480", "HDTV - 1280x720", "HDTV - 1920x1080", "iPod Video - 320x240", "Sony PSP - 480x272", and "Thumbnail - 200x200".

At the bottom, there is a blue instruction box: "Convert your files to a different format and reduce their sizes. You just need to select an output directory where your converted photos will be saved. Then click **Start!**". To the right of this box are two buttons: "Return to selection" (with a green arrow icon) and "Start!" (with a green checkmark icon).

A red speech bubble overlay on the right side of the interface contains the following text: "Customize your conversion by ticking the option 'Do reduce image size'. Choose from among the presets available or enter your own figure. Click start button when ready".

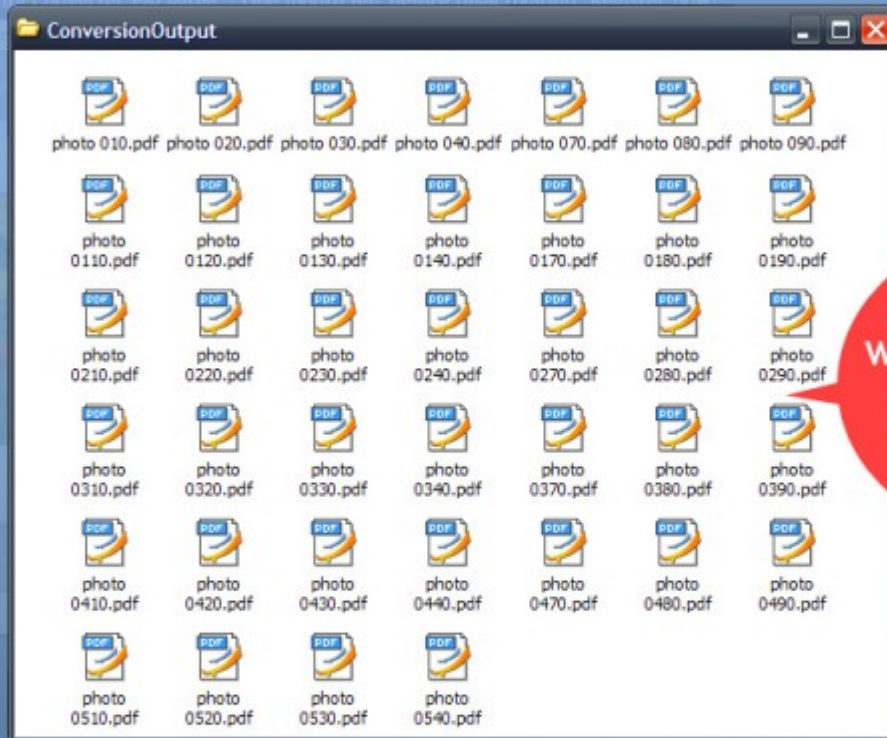


# PDF Output



For the steps on how to create a single PDF file from many photos, please see tutorial on PDF Album

# PDF Output

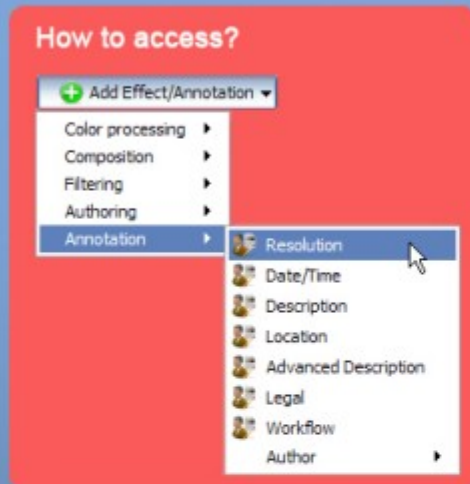


Your photos will be converted into individual PDF files

For the steps on how to create a single PDF file from many photos, please see tutorial on PDF Album

## Edit the dpi resolution of your photos

### Changing your photo's resolution



Change your photo's resolution to optimize them to your purpose. Recommended resolution for photos to be used in print is 300 dpi and up, while 72 dpi is satisfactory for screen display



# Changing resolution - Parameter

The screenshot shows the Contenta Converter PREMIUM software interface. The window title is "Contenta Converter PREMIUM - One month left before disactivation. Register now!". The menu bar includes "File", "Buy now", "Register", "Simplify", "Options", "Language", and "Help". The main interface is divided into several sections:

- Image preview:** Displays a large red flower image.
- Size preview:** Shows two circular diagrams representing the image size before and after conversion. The "Before" size is 110.5 kb and the "After" size is 46.4 kb.
- Effects/Annotation list:** A list of effects including "Resolution", "Watermark", and "Blur". The "Resolution" effect is selected and highlighted.
- Parameters:** A section for configuring the selected effect. It includes a dropdown menu for "Add Effect/Annotation" and a text input field for "Enter resolution (in dpi)" with the value "300".
- Buttons:** At the bottom right, there are buttons for "Return to selection" (with a green arrow) and "Start" (with a green checkmark).

A red speech bubble is overlaid on the interface, containing the following text:

With Resolution selected in the Effects/Annotation list, enter the value of your desired resolution to the 'Enter Resolution' box and click the 'Start' button

# Resolution metadata

Resolution data is embedded in the output file as well

Title: Spring Flowers 040  
Dimensions: 2000 x 1800  
Resolution: 300 DPI  
Type: JPEG  
Size: 450.5 KB



## Load and save configuration for future use



Save your frequently used configurations into files

Where to find this feature?

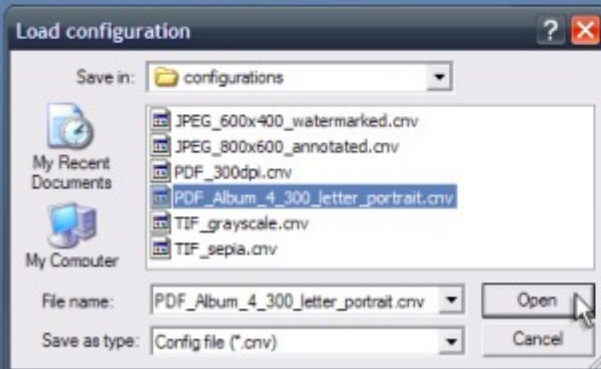


It allows you to save all your settings such as

- Adjust Brightness/Contrast
- Resize photos to Desktop screen 800 x 600
- Apply Watermark
- Change resolution to 300 dpi
- Preserve EXIF/IPTC/XMP metadatas
- 16 bits per channel
- Extract preview

into a file that you can load back when you want to use the same settings on a new batch of photos.

Save as many configurations as you want; e.g. one for making PDF albums, another for creating icons and so on.



It saves you the trouble of having to individually set options and parameters the next time around.

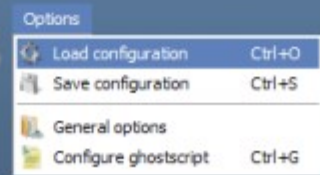
1



2



3



4



## **Support**

Contenta Software is a global software company headquartered in Umeå, Sweden.

The company provides high quality, affordable, and easy-to-use productivity software. We are constantly researching and creating new technologies and applications with the goal of providing our users the best multimedia solution in the industry. Our mission is to help you organize your multimedia information.

Would you like to receive more information about our products and services? Need support? Questions about the company or our website? We would like to hear from you!

Contact details:

Contenta Software

Email: [support@contenta-converter.com](mailto:support@contenta-converter.com)

Website: <http://www.contenta-converter.com>