

Image editing for Slideshows and Web pages by Jane McGookey, mcgookey@key-web.net

DPI/PX

DPI stands for Dots per inch, usually when referring to printing an image. PX or PPI is the abbreviation for Pixels per inch. Image density is as follows

Web - 72px (computer screen)

Print - 120px (printer)

Photo - 300px (professional)

XP Image Resizer Power Tool

Microsoft provides an install that allows an XP user to right-click on an image and automatically resize. Various predefined sizes are available as well as a custom resize. [Download this app by clicking here](#). Unfortunately there is currently no Vista version of this tool. Windows 7 has cloned (not distributed by Microsoft) software available, one clone available is imageresizer.codeplex.com

GIMP - free image editing program

GIMP.org is a FREE image manipulation program that runs on your computer. You can do many advanced editing techniques like changing color balance and adding effort or you can do simple edits like cropping and re-sizing. To download a version for your computer, go to www.gimp.org/downloads

Once GIMP is installed you can:

Crop (so you can focus on the main part of the image)

In GIMP

1. Click on the rectangle selection tool (upper left in tool window)
2. Click and drag a rectangle around the area you want to keep.
3. Locate the 'Image' menu on the top of the main window, then select 'crop to selection' (Image->Crop to Selection)

Resize

In GIMP locate the 'Image' menu on the top of the main window, then select 'Scale Image' (Image->Scale Image)

Save images (file types)

The default file extension for a GIMP file is .xcf . However, the web does not recognize this file type. Pick one of the following file types to save your image for viewing on the web. To save the file in one of these formats. Click File->Save As near the bottom of the save as window there is click on "+ Select File Type (by extension)".

There are three types of images used on websites (and in email). They are .jpg (jay-peg), .gif ("jiff"), and .png ("p"- "n"- "g"). The following images show the same image stored in each format.



jpg

- Supports 16 million colors
- No transparency
- Good for photographs



gif

- Limited to 256 colors
- Supports transparency
- Good for simple graphics



png

- Considered the "best of both worlds"
- Supports gradient transparency (note shadow under face and paintbrush)
- Re-sizes well (text & image)