
Sizing photographs for the web

Photographs are taken by your digital camera or scanned by your photo processor to be big enough to print. You then need to change them to be the right size to post on the web. It is very important that you **SAVE** the original. Files that are the right size to email or post of the web will not make good prints.

Suggested Workflow:

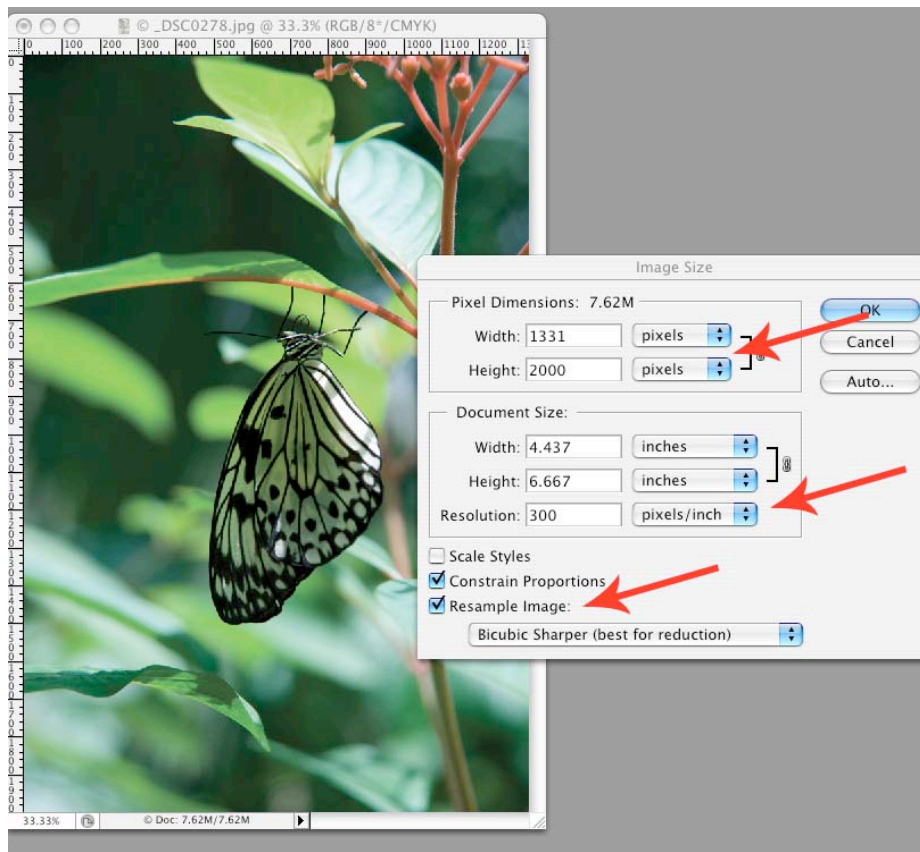
1. Download your digital camera OR have your film processed and get a CD made.
2. If you are using a digital camera, now make a CD or DVD of the original photographs before you make any changes. Store this in a safe place.
3. Now open the images, choose the ones you want to share in Flickr or Etudes and resize them for the web. The size I recommend is 600 to 800 pixels in the longest direction at 72 ppi.
4. Save the new image with a new name so you don't lose your larger original images.

EXAMPLE: File DSC0995.jpg opens. I resize it. I save it as DSC0995web.jpg. I now have the original to print and the web image to post or email.

How you resize depends on your software. I will review a few steps here. Likely your software will have a similar process. Use the help files, look around and you will figure it out!

1. PhotoShop CS

In Photoshop you will go to Image:Image Size and click off the "resample image" button. Now change the resolution to 72 ppi. Then click "resample image: button on again and change the size of the image to 600 pixels in the longest direction. **Now save with a new name.** This will now be ok to email and upload to Flickr or other online service.



2. PhotoShop Elements

I have elements 3, but the essence will be the same here as in Photoshop. Find "Resize" then chose image size and go through the same procedure as Photshop CS.

3. iPhoto

You can export your images from iPhoto to the size you need. Again, make sure that you rename the file. You can also size the photo for a medium email. (Go to share:email and choose medium.) It will open in your email program and you can save it out of there. It will then be the right size to post on Flickr.

4. Lightroom,

Lightroom is a visual database of your images with powerful editing abilities. You will export the image and choose the size in the export dialogue box. A new, web sized file will be made. (Visit <http://www.adobe.com/products/photoshoplightroom/> to learn about this powerful new tool that is becoming a photographer's standard!)

5. Camera Software

The software that came with your camera should have a resizing option. Using the recommendations above and the help files, you should be able to get your photographs the right size with some trial and error.

6. Online resources

I did find a few websites for those of you that want an even simpler solution: www.shrinkpictures.com and <http://webresizer.com/> are two examples. (I searched on " need to resize photographs for web for free") These services resize photos, it seems, in exchange for you reading their ads...I make no claims on this and as in all web/internet stuff, surfer beware, but it seemed very easy. Browse, submit and go....

7. Picasa

Picasa is a free download: <http://picasa.google.com/> It also has a great face recognition feature. Choose the photo then export with a new name in the size you need for web use.

8. Flickr


There is also resizing in Flickr – but that would be after you put the photograph from your 12 megapixel camera up and used up too much of your monthly limit!! It is a way to get a smaller image if you need it and are not using the above programs.

From my camera, my photographs are 3.88 MB and 2832 x 4256 pox. This is MUCH bigger than I need for Flickr and for those with free accounts, it will use up your 100 mb limit much faster! The upload time will be long and the chance for errors during upload increase. Resize to a web size and save that original on a cd or dvd to print in the future.

WEBSIZE is small – 400-800 pixels on the longest side.

PRINTSIZE is large – a minimum of 1200 pixels on the longest side. Below are the preferred sizes for printing to Costco (Sizes I use are in the red box.) You can quickly see how different an emailed photograph is from a printed photograph!

Print Sizes for costco

Fuji Frontier print cropping setup Use "Fill In" print mode			Noritsu print cropping setup Use "CUT" print mode 			
Paper Size (in)	Paper Size (mm)	Frontier Canvas Size (px)	Noritsu Print Size (in)	Noritsu 2xxx Canvas Size (px)	Noritsu 37xx, 34xx, and 3xxx Canvas Size (px) (300 ppi)	Older Noritsu 3xxx Canvas Size (px) (320 ppi)
4	102	1228	4x6	1630x2446	1228x1842	1310x1964
5	127	1524	5x7	2026x2836	1535x2149	1626x2276
6	152	1818	6x9	2430x3646	1818x2727	1940x2910
7	178	2138	8x10	3220x4026	2416x3020	2580x3226
8	203	2434	8x12	3220x4830	2416x3624	2580x3870
10	254	3036	11x14	4436x5646	3322x4228	3556x4526
12	305	3638	12x18	4836x7254	3624x5436	3876x5814
15	381	4536	12x24	n/a	3624x7248	n/a
18	457	5440	12x36	n/a	3624x10872	n/a

Experiment - - enjoy - - share your pictures!