

Why resize?

Pictures from digital cameras and scanners can be quite large file sizes due to the number of pixels needed to give good photographic quality in a print.

Where the aim is to view the image on a screen or via a digital projector, for example in a web site, as an e-mail attachment or a digital slide show, these large pixel dimensions are no longer required.

In such cases, we need to resize our images to more convenient dimensions, e.g.

- For digital projection in Bishopthorpe Camera Club competitions, images should be no larger than 1024 x 768 pixels.
- For viewing on a web site, images can be even smaller. Thumbnails may be even less than 100 pixels on the longest dimension, and the main images may be little larger than 600 pixels on the longer dimension.
- For e-mail, many people find it convenient to settle on dimensions of around 800 x 600 pixels.

Software for resizing

If you have photo-editing software such as Photoshop or Photoshop Elements, resizing is easy.

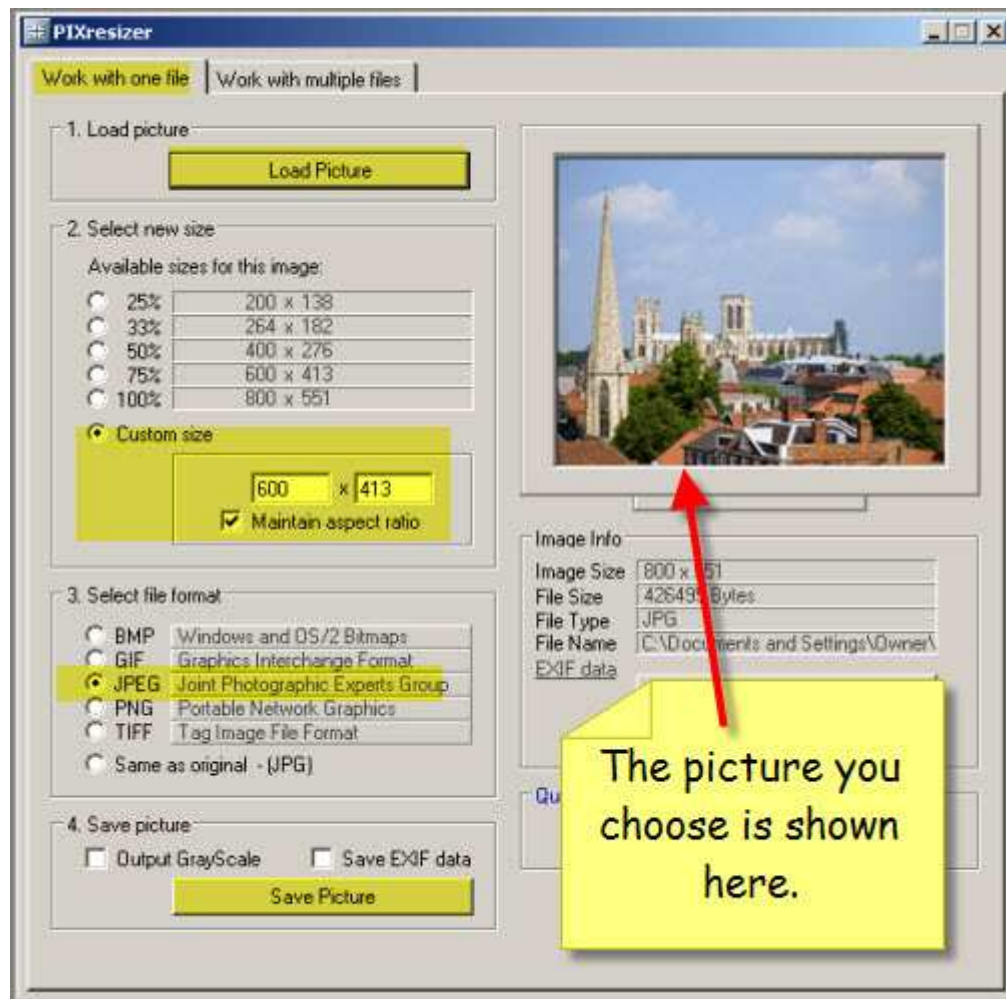
Without such software, you'll need to download a suitable program – there are lots available on the web.

One that works well, and is easy to use, is PIXresizer. This is a free download from:

<http://pixresizer.en.softonic.com/>

Brief instructions for using PIXresizer follow...

PIXresizer



It's quite easy to find your way around this program. You can choose to resize a single images, or a group of images all at once.

In this example, the single picture shown is being resized to 600 pixels wide. PixResizer has chosen a height of 413 pixels to keep the correct image proportions. This would be a suitable size for e-mail and the jpeg (jpg) file format chosen is suitable for this.

Clicking the "Save Picture" button will complete the process.

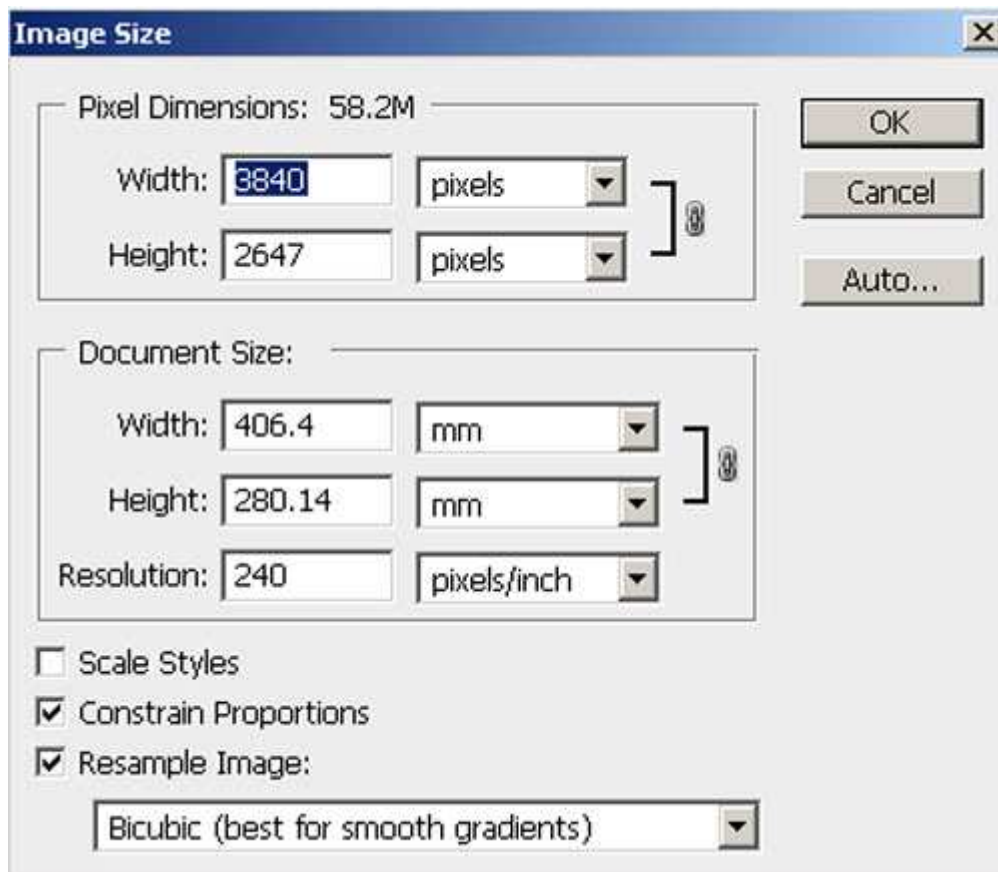
NB PIXresizer does not support Photoshop psd files. These will need to be dealt with in Photoshop or Elements.

Resizing digital images

Resizing single images in Photoshop & Elements

In the full version of Photoshop, you should choose:
Image > Image Size
With Photoshop Elements, this is:
Image > Resize > Image Size

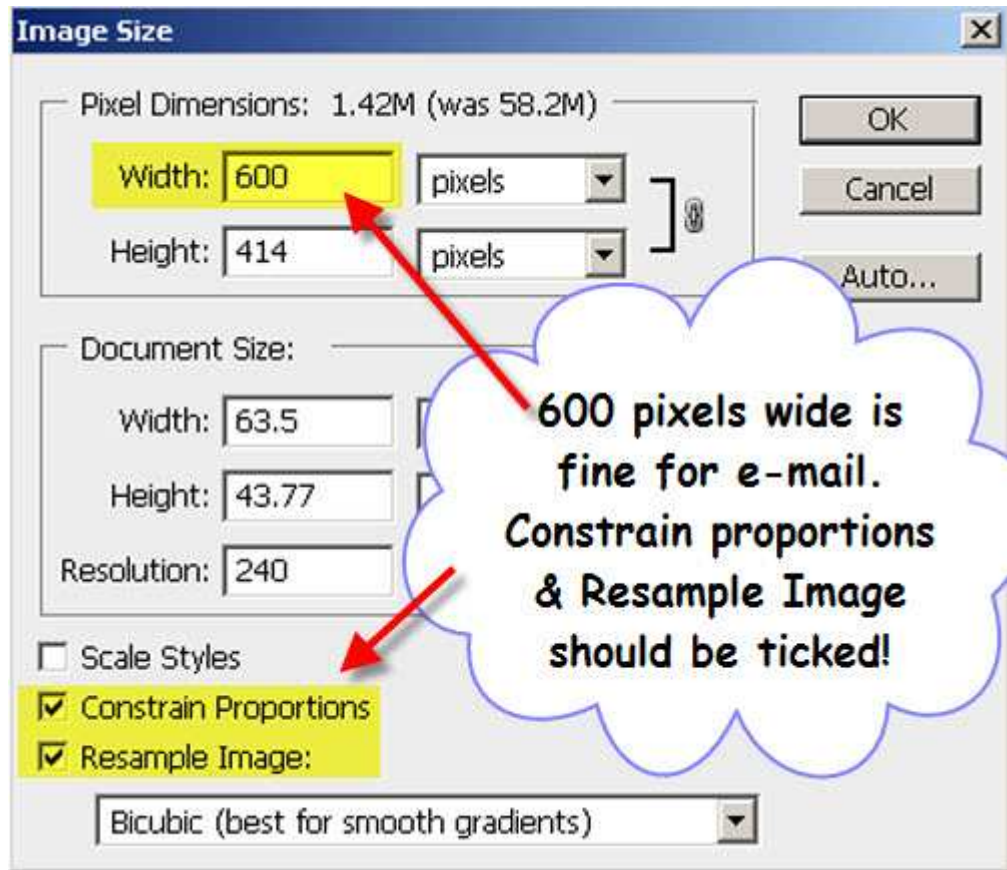
When you do this, a dialogue box opens...



This shows the current size of the image.
At 3800 x 2647 pixels, it is fine for printing but far too big for e-mail,
web use or viewing with a digital projector.

Resizing digital images

Suitable
values for
e-mail



In this example, with “Constrain Proportions” and “Resample Image” both ticked, the width has been set to 600 pixels. The height is automatically set at 414 pixels to keep the image in proportion.

Clicking OK will resize the image.

Batch
re-sizing

It is possible to resize a group of images in one step with both Photoshop & Photoshop Elements.

Exact details of the procedure depends on which version of the program you use. You will need to study the program’s “Help” for further details.

