

Digital Image preparation for Projected Competitions

Images for Digital projected competitions should be resized (reduced) to suit the digital projector native resolution. This will make sure it is projected at the right size and allow you to see the effects of a reduced image before it is projected. For the latest projectors a size no larger than **1400** pixels in width and **1050** pixels in height is required. If your image is in portrait format then ensure that the height (the longer side) is a maximum of **1050 pixels**.

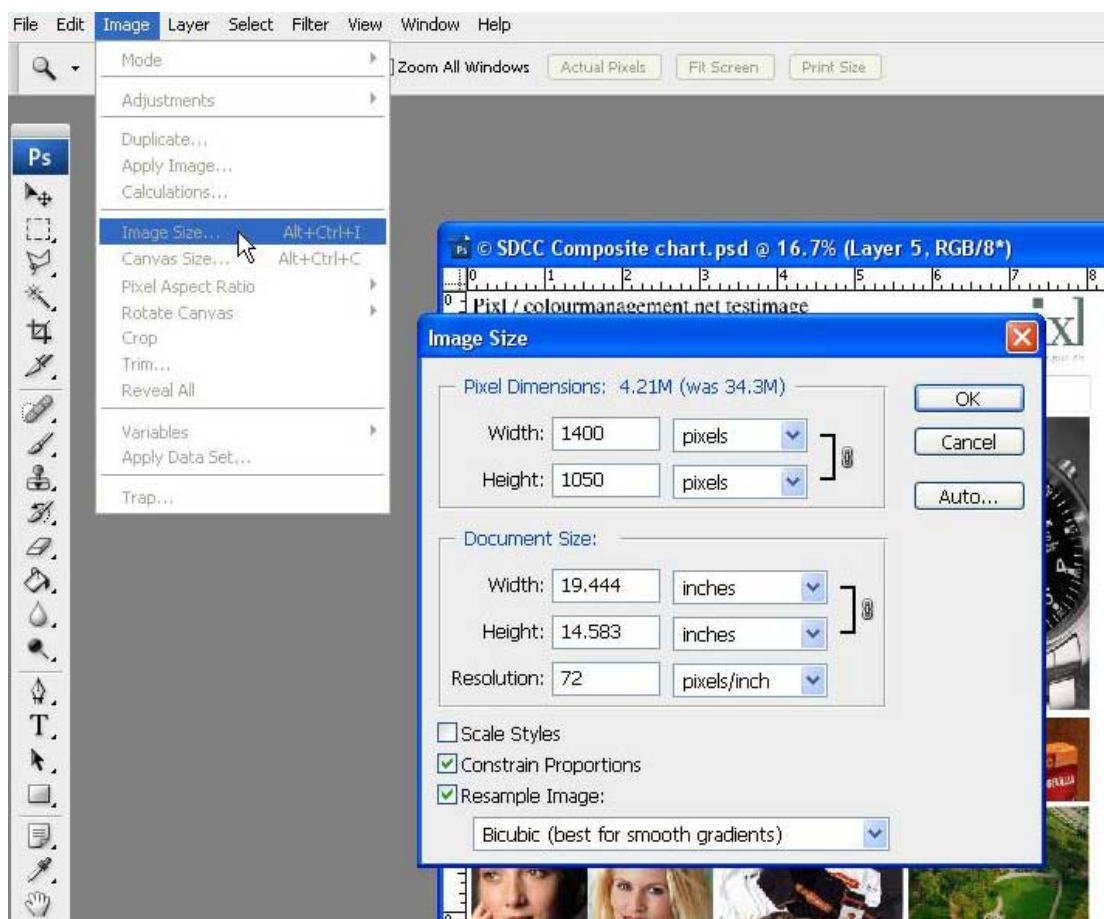
Attach your images to your e-mail as **jpeg** files no larger than **1 MB** each and name your files as '**(image title) (Mem no.). Jpg**' this will make it easier for me to process the files. For example, " **Edinburgh Castle mem 24.jpg** ".

There are two parts to this process.. Resizing.. and Saving

First part Resizing

The description below is from Photoshop, but the commands are similar in other software.

To resize an image use 'Image>Image Size'. This will bring up the 'Image Size' window.



The first thing to consider is whether you need to resize your image or not. Look at the dimensions of your image in **pixels** and if the width is smaller than 1400 pixels and the height is less than 1050 pixels then skip resizing and go down to the bit about saving your image. An image that is too small will not fill the projector screen.

To begin with ensure that 'Resample Image' check box is ticked and the resampling method is bicubic .

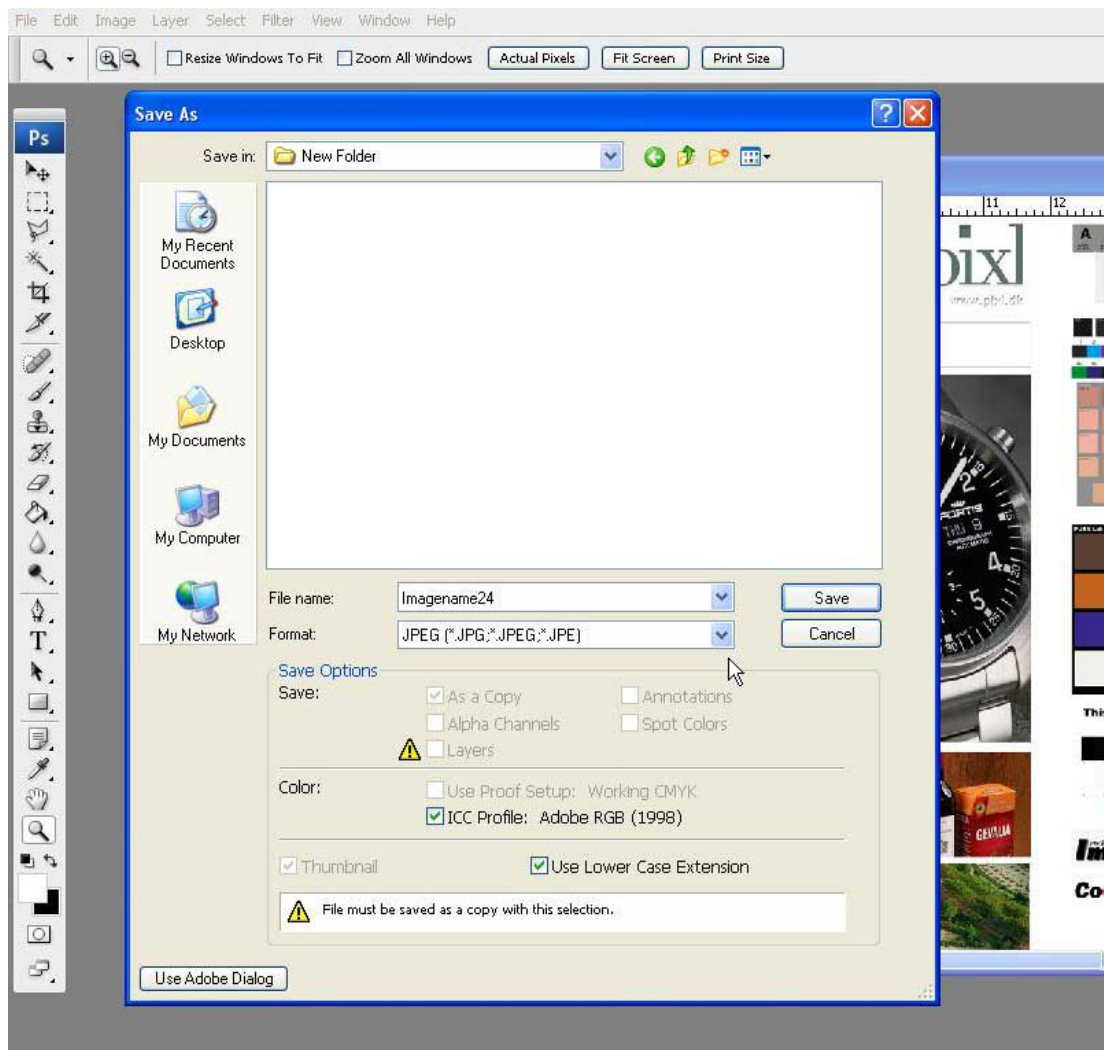
You will want to keep your image in the same proportions as the original so ensure that the 'Constrain Proportions' check box is ticked.

Now set the '**Resolution**' to **72 pixels / inch**, do this first then modify the **Pixel Dimensions boxes** width or height until your image is smaller than the 1400x1050 pixels required. Note that by having the proportions constrained, changing the width will automatically result in a change in height and vice versa.

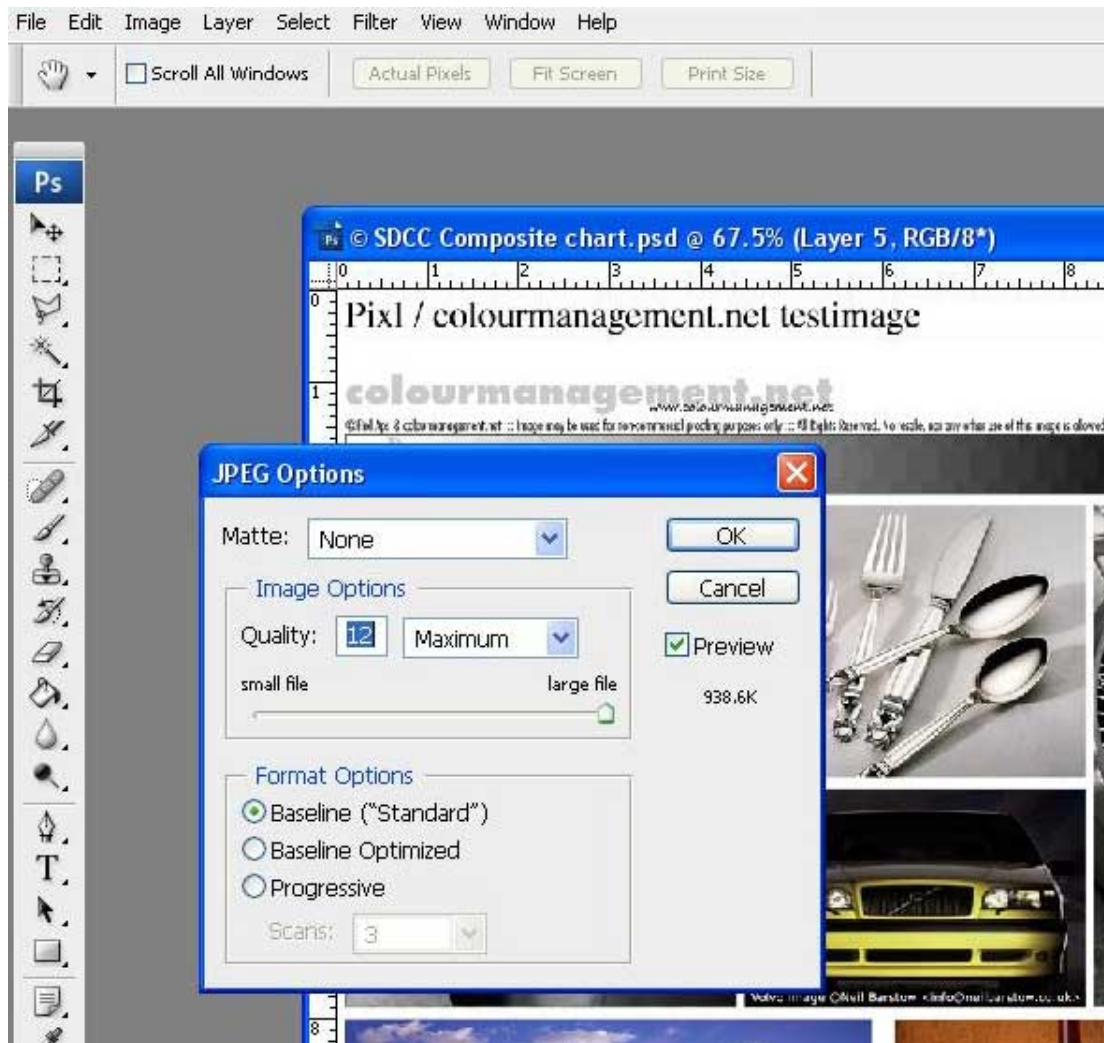
Now click 'OK'.

Second part Saving

Click 'File>Save As' and enter the new competition file name, **make sure the file name is different so you don't over write your high resolution original..** Set the 'Format' in the 'Save As' window to JPEG. And click save.



Now a new window is presented which controls the JPEG compression options



The 'JPEG Options' window controls the storage size of the image. A quality setting of Maximum should be possible giving minimal compression and a good quality image, but check the file size that is just under the preview tick box and make sure it is less than **1,000.0K** ie. **1MB** .

Leave the 'Format Options' as 'Baseline' (Standard).

If the 'Preview' checkbox is ticked you will be able to see the effect of changing this parameter on the image.

Click 'OK'

All that is left is to attach the newly resized jpg image files to your email and send. Make sure your email package does not try to send attachment as a photo and resize it again.

Any problems.. just email me

Tom