

Image size and reducing resolution

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The most important dialog box in Photoshop

This is where you control the **size** and **quality** of your end product.

Recommended book

Davies, A. & Fennessy, P. (2001)
"Digital Imaging for Photographers",
Focal Press, Oxford.

This is the all important file size.
Keep a close eye on it at all times.

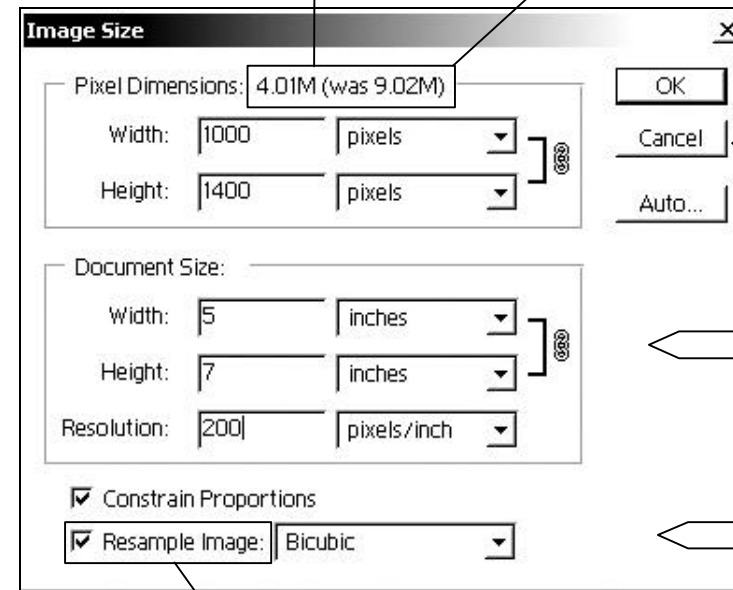
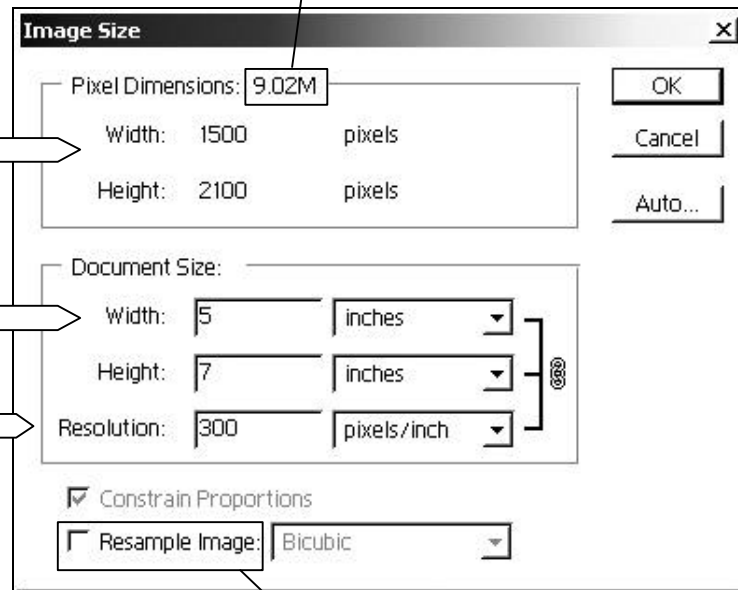
Checking the resample image
box and reducing the resolution
from 300ppi to 200ppi has
resulted in some of the original
pixels being discarded.

Removing pixels has
more than halved the
original file size.

Here you can see
exactly how many
pixels you have
captured at
scanning.

This is the size of
the print your file
will produce.

This is the
resolution you
applied when
scanning



If you become
confused or simply
want to undo your
last alteration, hold
down ALT and
Cancel will swap to
a Reset button.

Leaving the constrain
proportions box
checked means width
and height will be
linked and you won't
unintentionally distort
your image.

Bicubic is the most
appropriate method
of interpolation
when resampling
photographs.

While the resample image
box is unchecked, the width,
height and resolution remain
linked so that a change to
one will result in an
automatic change to the
others.

Leave the resample image
box unchecked if you simply
want to preserve the number
of pixels you have but wish
to redistribute them.

Checking the resample image
box gives you the opportunity to
change the resolution
independently of the document
or print size BUT this has
important consequences.

It is possible to add pixels
through resampling but this is no
substitute for scanning at the
desired resolution.
It will result in an increase in file
size but not in improved quality.