Photo Secrets for Artists

FILE FORMAT

JPG GIF PNG

TIF (tiff)

USE

print

web or email: images web or email: line art, animation, solid color web or email: transparency

JPG, PNG, TIF, & GIF files are made up of pixels and should only be sized smaller.

Images that look pixelized have been resized larger, or have been aved too many times. Always save as a copy, or as a "Save As". 100% Actual Size

400%

30%

Resolution, when referring to an image, is the number of pixels or dots displayed per unit of length. **DPI = Dots Per Inch** Printing Term

PPI = Pixels Per Inch Computer Term



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72 DPI is a low resolution for on-screen use such as an email, or on a web site.

300 DPI is a high resolution for printing ads, postcards or business cards.

Most competitons request 72 dpi for judging, and 300 dpi if they want to use the image for promotion.





72 dpi



72 dpi zoomed in



300 dpi zoomed in

300 dpi

Changing image resolution

Change the resolution of an image by opening the "Image Size" dialog box.

Make sure the "Resample Image" box is unchecked.

Change the resolution from 72 pixels/inch to 300 pixels/inch.

The resolution is now
300 dpi, the width and
height of the image
are much smaller, but
the pixel dimensions
and file size DID NOT
CHANGE.

	Image Size	
Pixel Dimensions: 1.	14M	ОК
Width: 716	pixels	Cancel
Height: 558	pixels	(Auto)
- Document Size:		
Width: 9.944	inches	1
Height: 7.75	inches 🗘 -	
Resolution: 72	pixels/inch 🛟 -	
✓ Scale Styles		
Constrain Propertions	L	
Resample Image:	>	
Bicubic (best for s	mooth gradients)	

Image Size			
Pixel Dime	nsions: 1	.14M	ОК
Width:	716	pixels	Cancel
Height:	558	pixels	(Auto)
- Documen	t Size: —		_
Width:	2.387	inches 🗘 -	1
Height:	1.86	inches 🗘 -	
Resolution:	300	pixels/inch 🛟 -	
Scale Style	5		
Constrain	Proportion	S	
Resample I	mage:		
Bicubic	(best for	smooth gradients)	*

Changing the pixel dimensions

Change the pixel dimensions of an image by opening the "Image Size" dialog box.

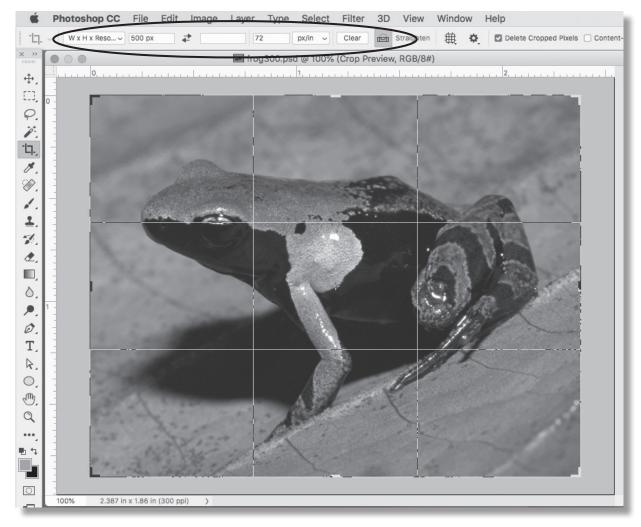
Make sure "Constrain Proportions" and "Resample Image" boxes are checked.

Change the pixel width or height, smaller, not larger.

Pixel Dime	ensions: 1.	14M		(ок
Width:	716	pixels	9 ₇)	Cance
Height:	558	pixels		Auto
Documen	t Size: —			
Width:	2.387	inches		
Height:	1.86	inches	•	
Resolution:	300	pixels/incl	n 🗘	
Scale Style	S			
Constrain	Proportion	5		
Resample	Image:			

The pixel dimensions and file size are now much smaller.

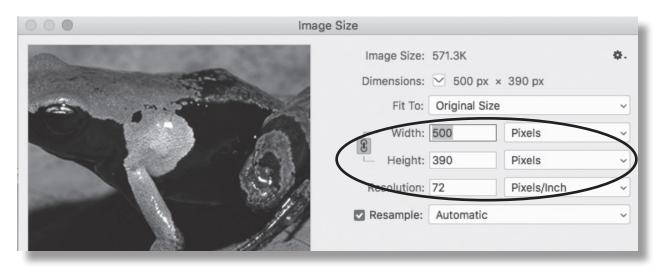
000	Image Size			
	Image Size:	150.6K		φ.
	Dimensions:	🕑 257 p	x × 200 px	
	Fit To:	Original S	Size	<u> </u>
	Width:	257	Pixels	-)
ANS.	Height:	200	Pixels	~
	Resolution:	300	Pixels/Inch	_/
	Resample:	Automati	c	
man and the second s				



Use the crop tool for exact dimensions.

Fill in only one dimension and the dpi if you don't know what both dimensions will be.

The width is the size specified, and the height is reduced proportionally.



Important things to remember when photographing your images:

- 1) photograph your images at the largest size possible (see your cameras user guide)
- 2) use a tripod
- 3) Position the camera parallel to your image
- 4) use lights set at a 45 degree angle, or shoot outside in shade
- 5) always save the orginal image; do not save over it
- 6) Use "Save As" or "Save a Copy" when resizing or changing images

Software for manipulating images:

Photoshop-expensive

Elements-about \$100

Gimp–**Free**

There are others available-just google!

Link for Online Juried Shows Help

https://www.onlinejuriedshows.com/Help.aspx