

Compressing or Publishing an Image Photoshop



Explanation:

After you build your image in Photoshop, it needs to be compressed so it can be used by other applications.

What does this mean?

All Photoshop images are .psd files (just like Word is .doc files and PowerPoint is a .ppt file. That three letter extension notifies the computer's operating system what application should be opened when you double click it. So, when you double click on a .psd file, Photoshop will open.)

The image you built in Photoshop contains many layers, filters, etc. and it needs to be compressed so that it can be used by other programs (such as Word, Powerpoint, iMovie, Final Cut, LiveType, Safari, Explorer, etc.). Also, the image file you created in Photoshop is a very big file and not only takes up a lot of memory space, but would be very difficult to move through the internet – imagine waiting 5 minutes to look at a web page because of the huge image file that had to download.

Solution:

Photoshop allows you to easily choose the correct compression format that will give you the highest quality.

Training:

I will start by showing you how to determine what compression setting you need to select. Then, I will show you how to easily compress your image.

Preparation:

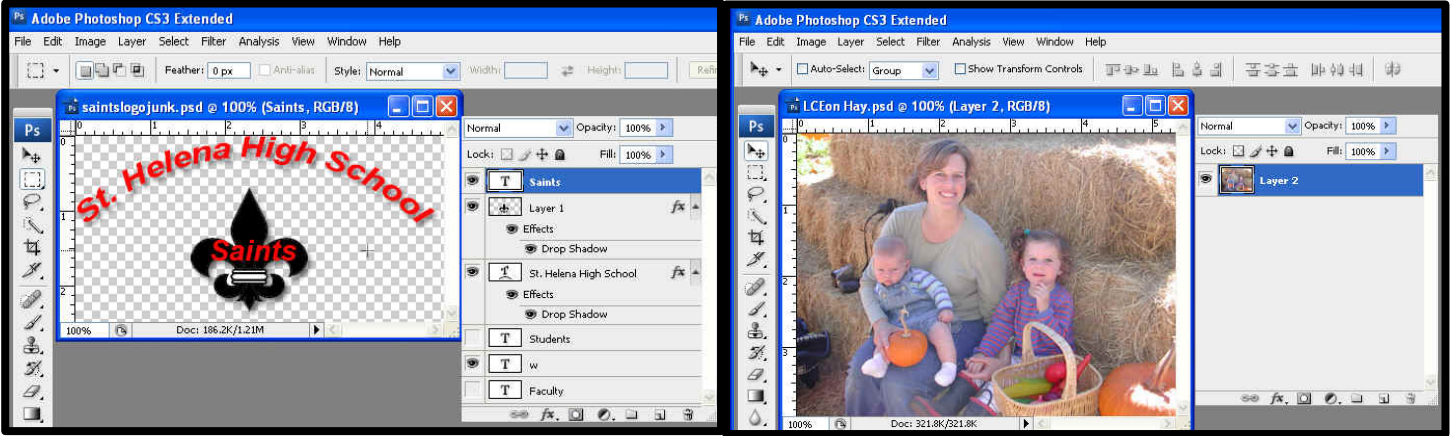
Download Images from Class Server:

RLSMultimediaServer/Public/8thGradeProApps/Photoshop.

Drag and drop the "Compression" folder to your desktop. There are four files in it. Notice how 2 files are .psd files. There is also a .gif file and a .jpg (.jpeg) file. The .gif and the .jpg are the compressed versions of the 2 .psd files.

Step #1 Determining Compression Settings

Open the two .psd files (“LCEon Hay.psd” “saintslogojunk.psd”).



Compression Cheat Sheet!

Question #1: What am I going to do with the photo?			
If the answer is: Paper , Then...		If the answer is: Electronic , Then...	
		(TV, Computer Monitor, Phone, iPod, iPad, etc.)	
Mode (color format)	↓ CMYK	Mode (color format)	↓ RGB
DPI: (dots per inch)	240-250 dpi	DPI: (dots per inch)	72 dpi
Compression Format	.tiff	Compression Format	Question #2: Is the image a photo or clip art?
		↓ ↓ Photo	Clip Art
		.jpg (jpeg)	.gif
Are there any other considerations that should be take into consideration? Call the printer!			

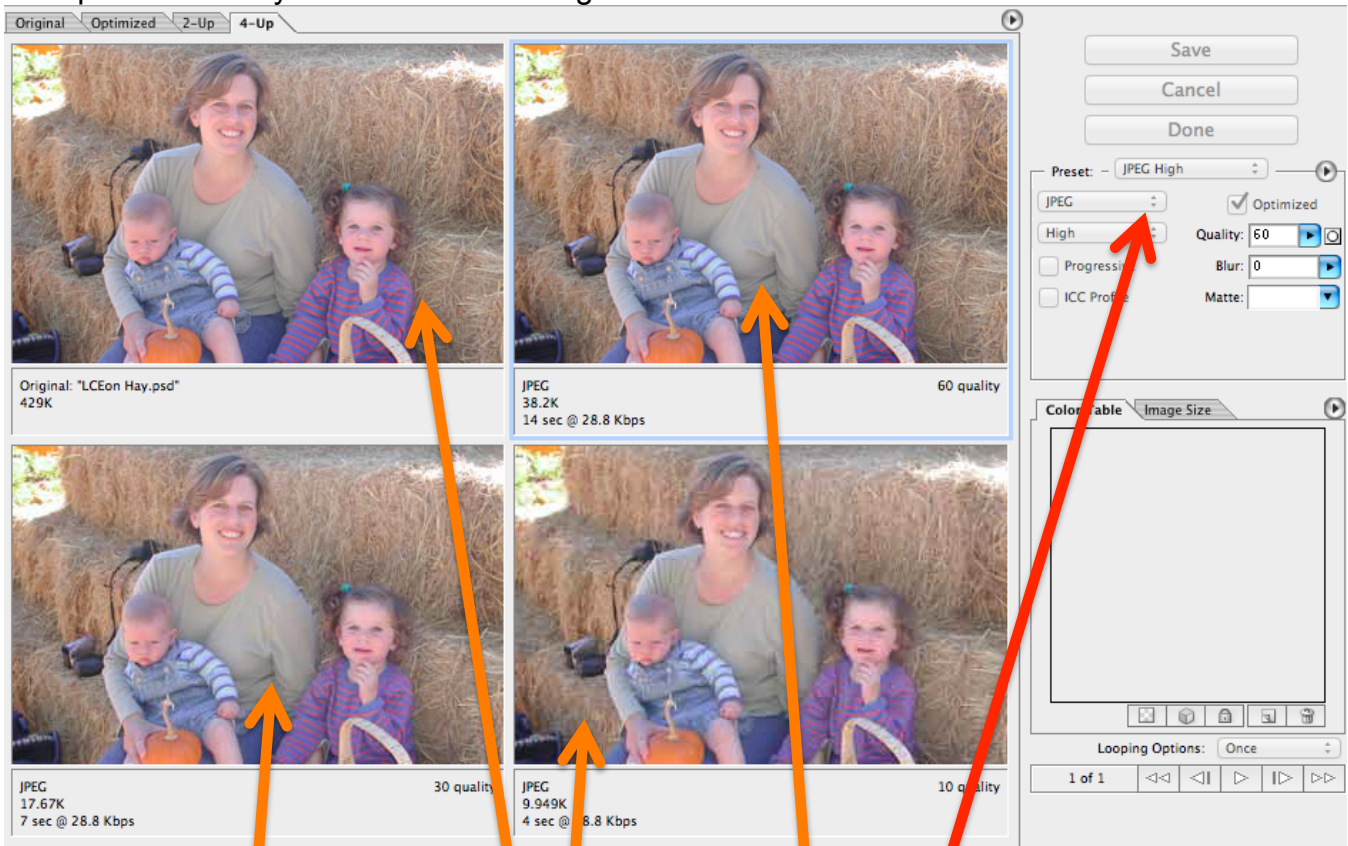
Now, begin the process of compressing the two images above.

<p style="text-align: center;">Image of the Saints Logo</p> <p>Question #1: What am I going to do with the photo? I am going to print it, so Paper.</p> <p>Mode (color format): CMYK</p> <p>DPI: (dots per inch): 240-250 dpi</p> <p>Compression Format: .tif</p> <p>Are there any other considerations that should be take into consideration? Call the printer!</p>	<p style="text-align: center;">Image of the Family</p> <p>Question #1: What am I going to do with the photo? I am going to put it on a web site, so Electronic.</p> <p>Mode (color format): RGB</p> <p>DPI: (dots per inch): 72 dpi</p> <p>Compression Format: Question #2: Is the image a photo or clip art? Photo...so .jpg (.jpeg)</p>
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Step #2: Compressing an Image

Option #1: Compressing for Electronic use: Web / Monitor / TV, etc.

- Open the image of the Family in Photoshop. **MainMenu/File/SaveForWeb&Devices.**
- Open 4 Tabs – you should see 4 images:



Original Image	Best Quality - Compressed
Good Quality - Compressed	Ok Quality - Compressed

Compare the and download to be extremely takes for a photos to download on a standard phone line. Today, it is less relevant.

Selecting .jpg, .gif & .png: Look at the drop down menu to the right, and it will let you select one of the three compression formats. This image is a photo, so we selected .jpg.

clarity of the image with the file size speed. Note: Download speed used important – it is represents the time it

Option #2: Compressing Clip Art for Electronic use (Web / TV).

You would select either .gif or .png 8 or 24 since this image is clip art being used on a website.



Option #3: Compressing for Paper

Main Menu / File / Save As ...Look for the Format button and select "Tiff."

Changing Mode:

Main Menu / Image / ModeSelect either CMYK or RGB.

Changing DPI: Main Menu / Image / Image Size ...enter the appropriate number.