

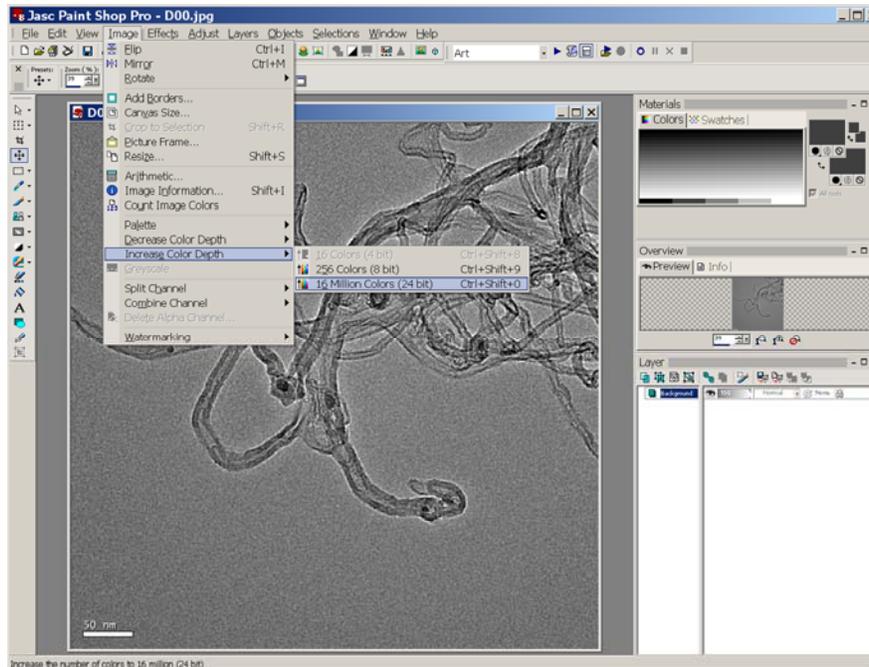
How To Make Anaglyphs Using Jasc Paint Shop Pro 8.10

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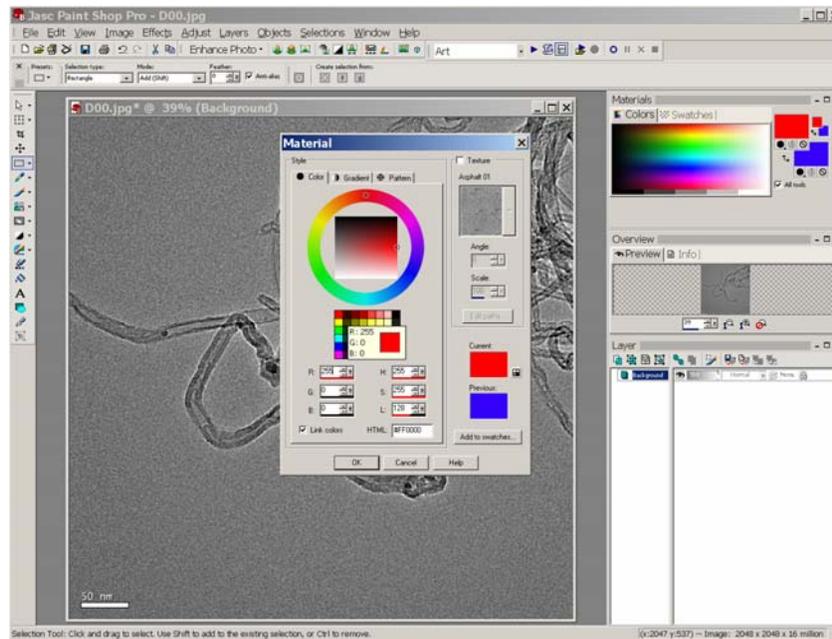
This is how I make anaglyphs using Paint Shop. This process assumes that both images that are to be combined are of the same file type and of the same image size.

Step 1: Make red and cyan images of the appropriate size. (Same size as the two images to be combined.)

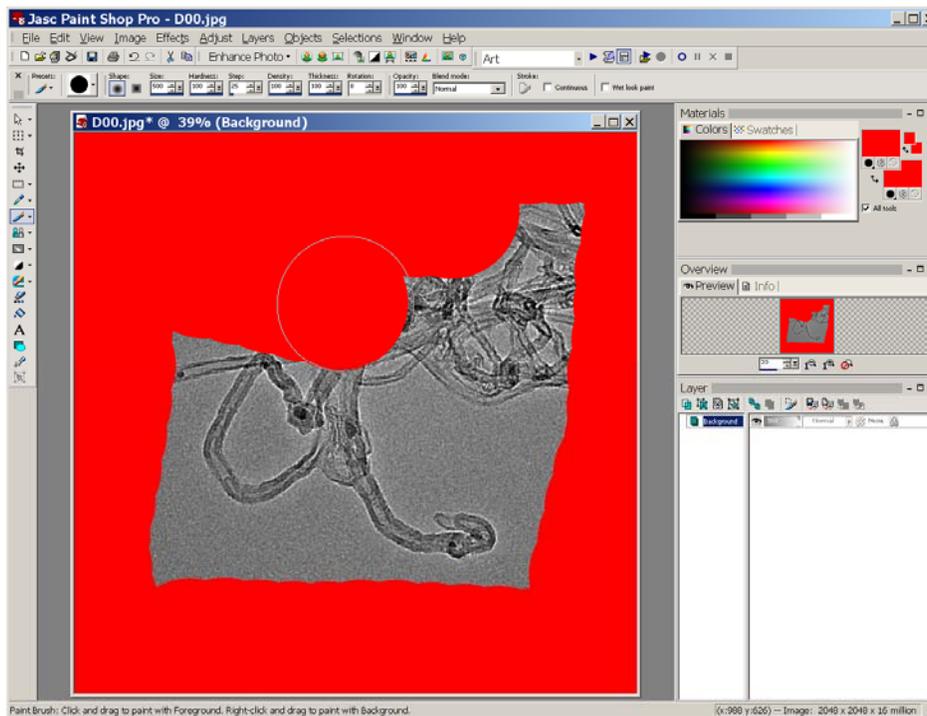
- Open one of the files. Change the image to be 16 Million Colors.



- Select a pen tool and change its color to be red (RGB)=(255, 0, 0).

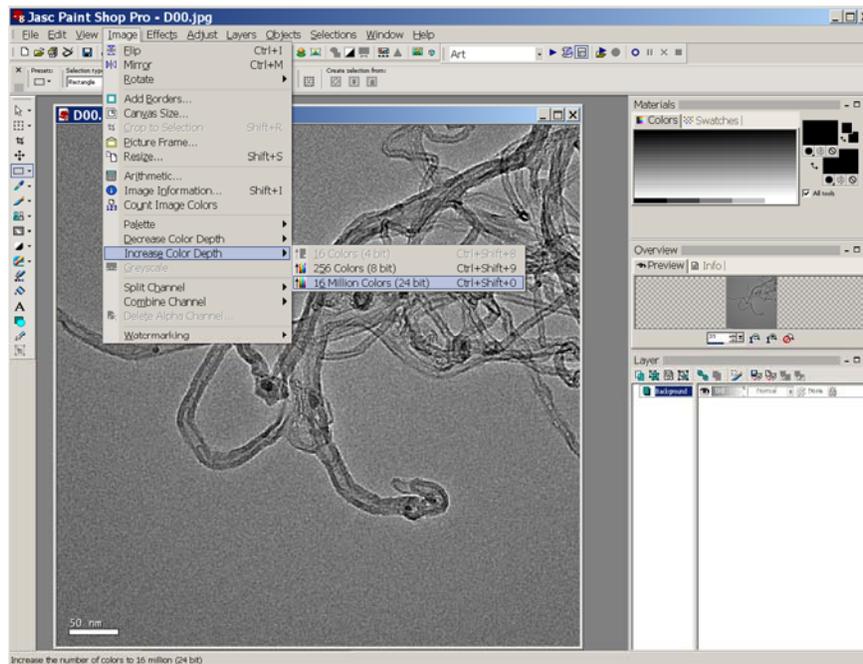


- Write over the entire image and save the file (filename “red.jpg”, for example) for future anaglyph work. ***Don't save this image with the original filename!***



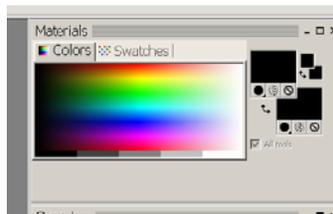
- Copy the red image and paste it as a new image. Flood Fill or paint the image cyan, which is (R,G,B)=(0, 255, 255). Save this cyan image (filename cyan.jpg) for future work.

Step 2: Open both image files that are to be combined into an anaglyph. Change their color depth to be “16 Million Colors”.

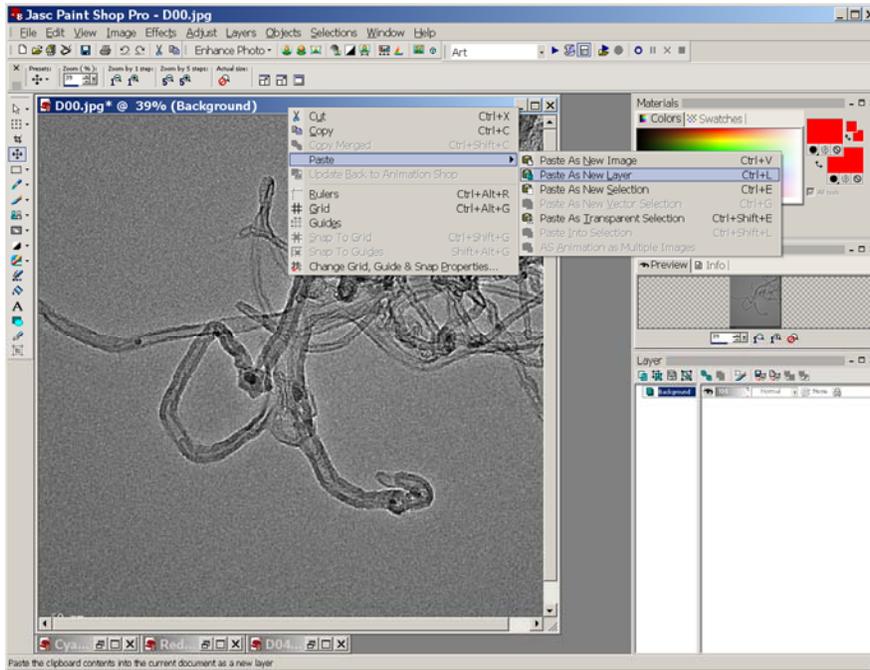


Step 3: Make sure both the red.jpg and cyan.jpg files are also open.

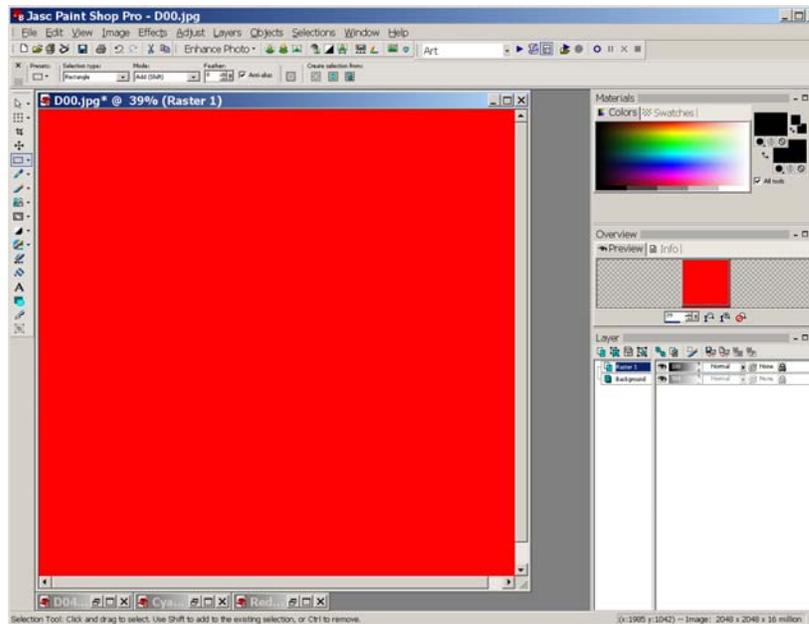
Step 4: Make sure that neither the red nor cyan colors are the currently selected colors. (See below for why.) For example, make the foreground and background colors black.



Step 5: Copy the red image and paste it as a “New Layer” over one of the images.

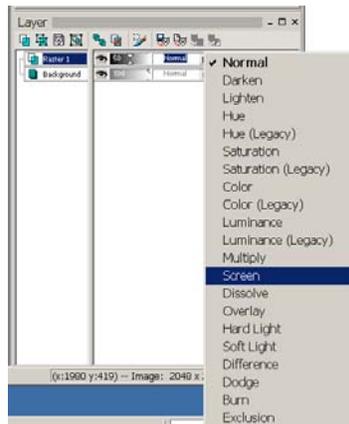
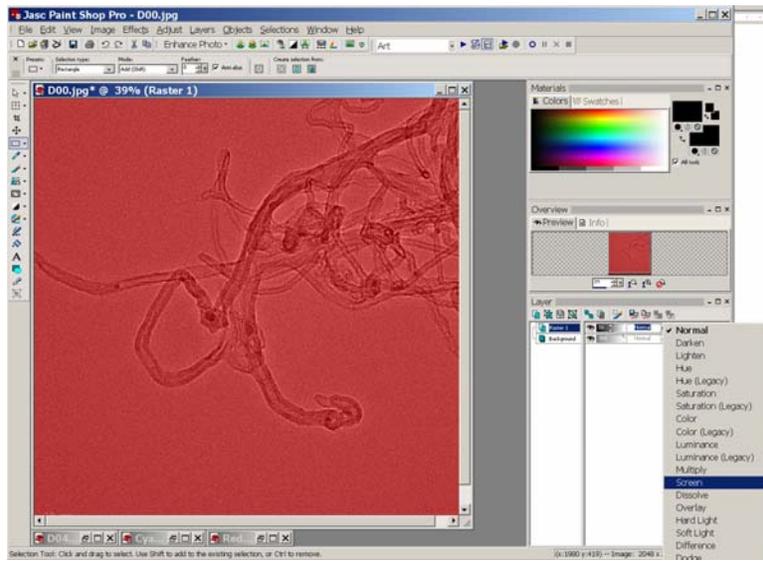


Note that if red had been selected as the current background color, then red would be considered a transparent color and the resulting layer would be completely transparent. That would not be what we want. We want a completely red layer.

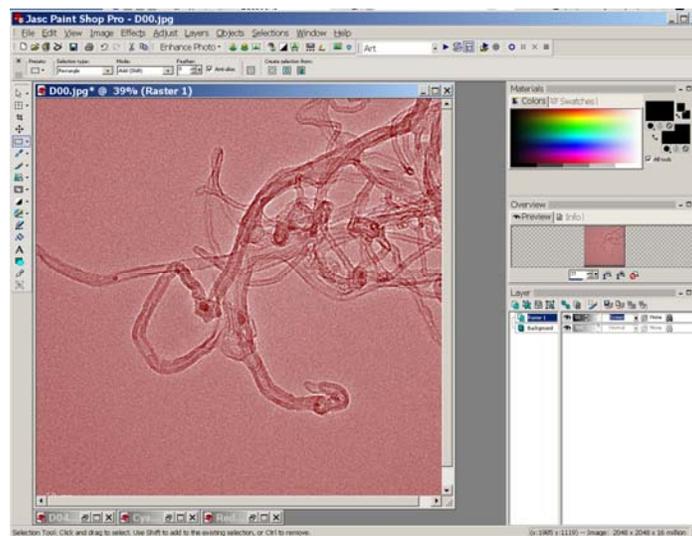


Note that there is now a “Raster 1” layer listed on the right “Layer” panel.

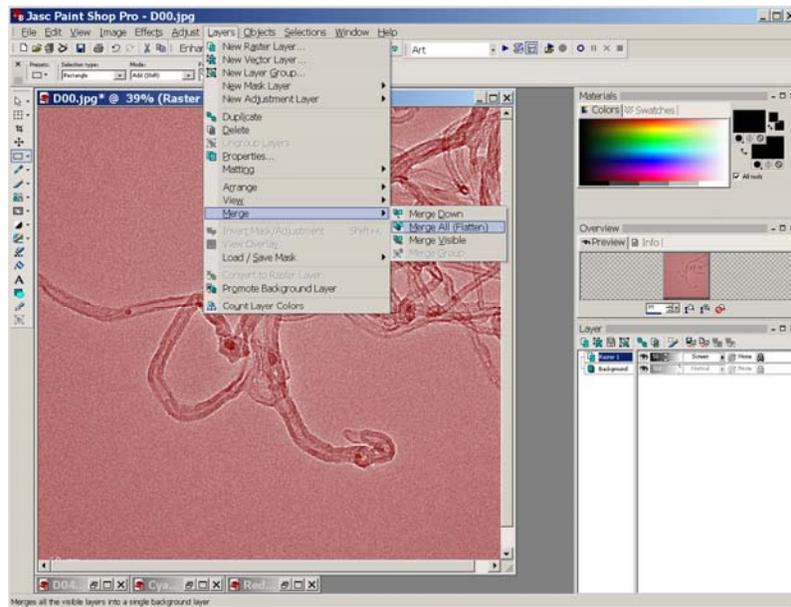
Step 6: Change the transparency of the “Raster 1” layer to be 50% (value next to the eye symbol in the layer panel) and the layer merge property to “Screen”.



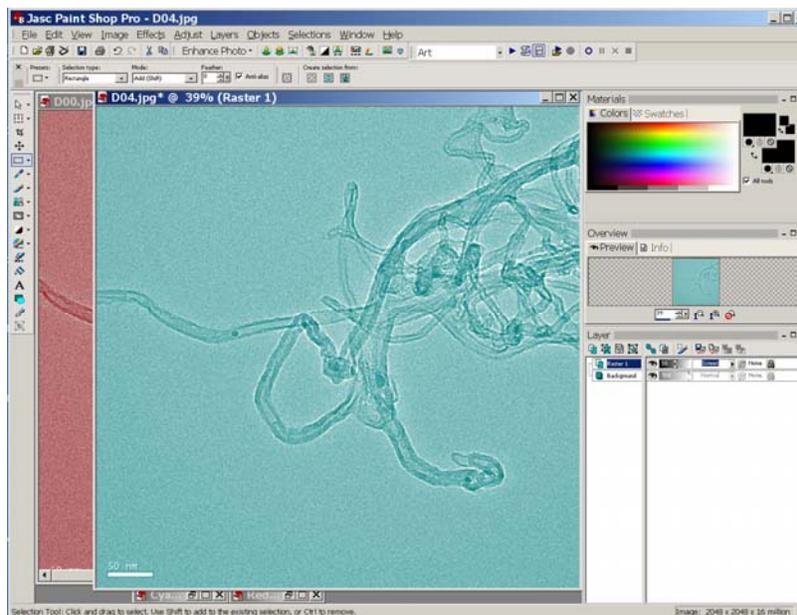
This is the result.



Step 7: Merge All (Flatten) the 2 layers together.

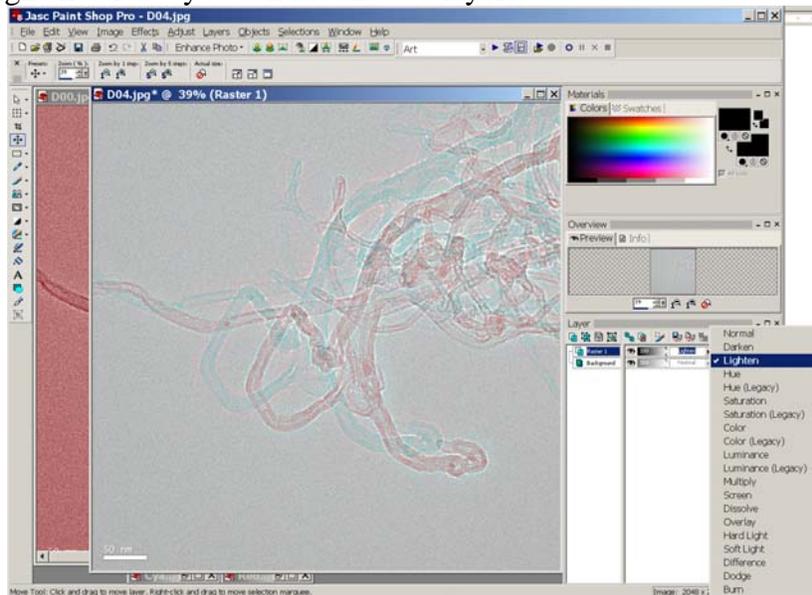


Step 8: Repeat steps 5 through 7 for coloring the other image cyan. Don't forget to merge the layers together.

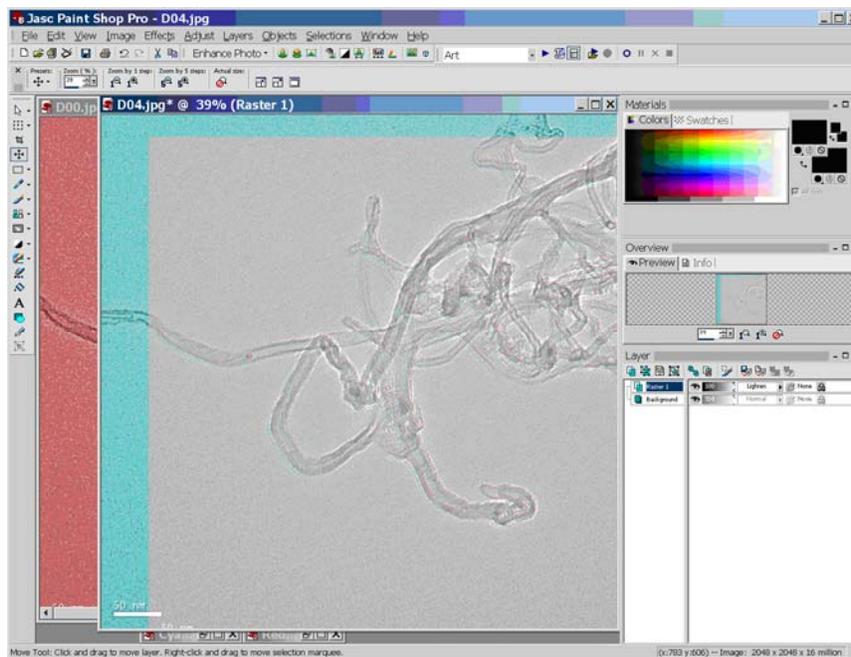


Step 9: Select one of the now colored images (say, the red one) and copy it to the clipboard. Then paste it onto the cyan colored image as a new layer.

Step 10: Change the display method for the new layer (called “Raster 1” again) to be “Lighten”. Now you can see the two layers.



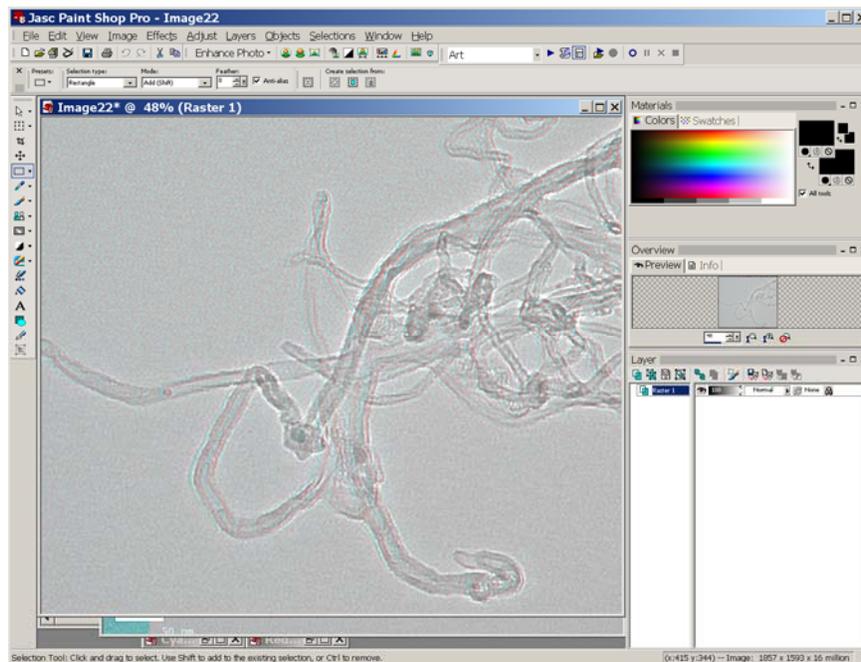
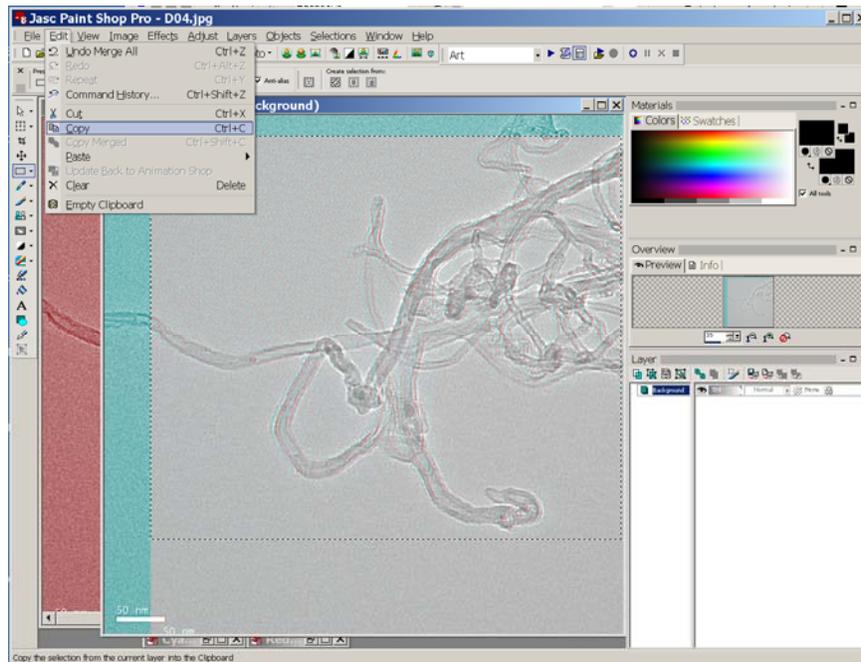
Step 11: Use the “Move Tool” ( symbol on the left) to align the two images. (This tool moves the new layer around.)



Step 12: Put the colored glasses on and continue to make small position adjustments using the “move tool” to align the layer for the best 3D effect.

Step 13: When you get a good 3D effect, merge (“Flatten”) the 2 images together.

Step 14: Using the Selection Tool, select only the overlapping regions and Copy, then Paste as a new image.



Step 15: Save the new image into a file and you're done!