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LAYERS

1. This is an example of layers inside of GIMP. I found a site highlighting urban art and used the images to make a collage of the art on brick texture.



ANIMATION ALL IN ONE

2. This is an example for using GIMP with other applications. For example, I made the hammer and sickle in side of 3DSMAX and use GIMP to render all the frames of the animation into one frame to create the unique pattern seen below.



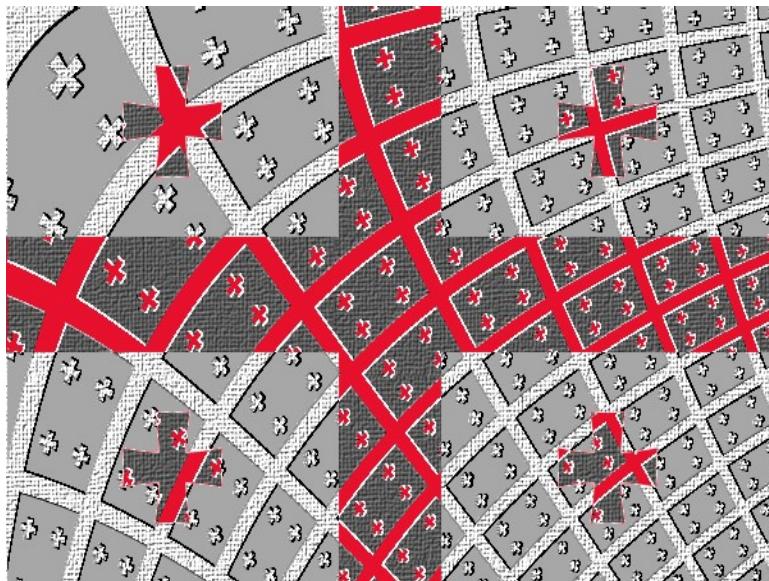
TRANSPARENCY

3. This a layered image using alpha channels to display another layer directly behind the top most layer giving the stained glass the ability to show the image behind the glass.



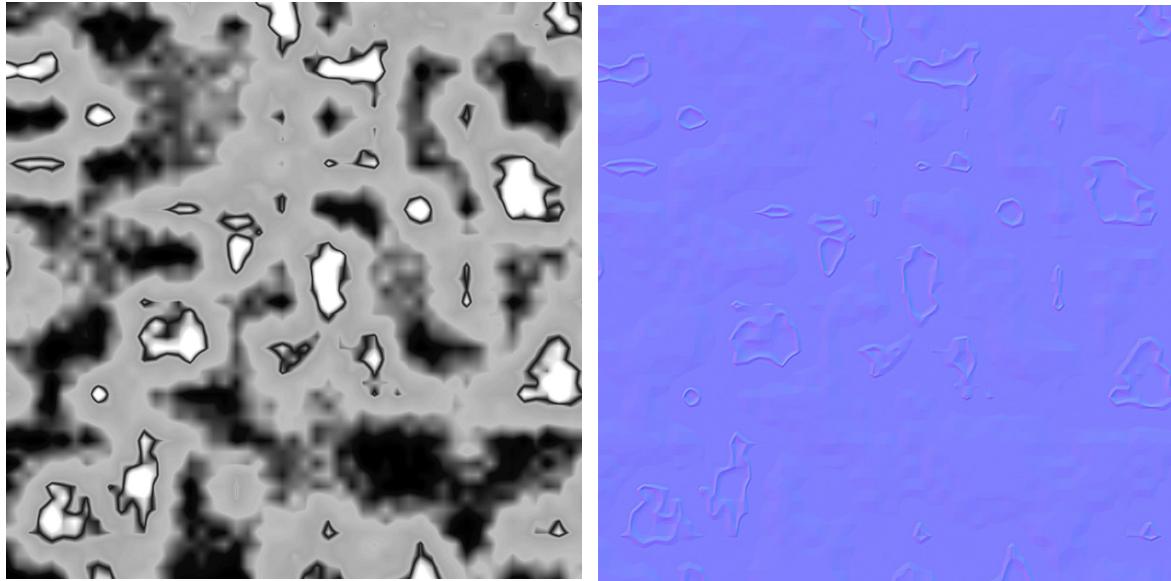
MODIFICATION

4. Using an existing image of the flag of the country, Georgia, I applied various basic filters to the image, such as canvas texture, used a looping script, and a distorting effect for the loped result.



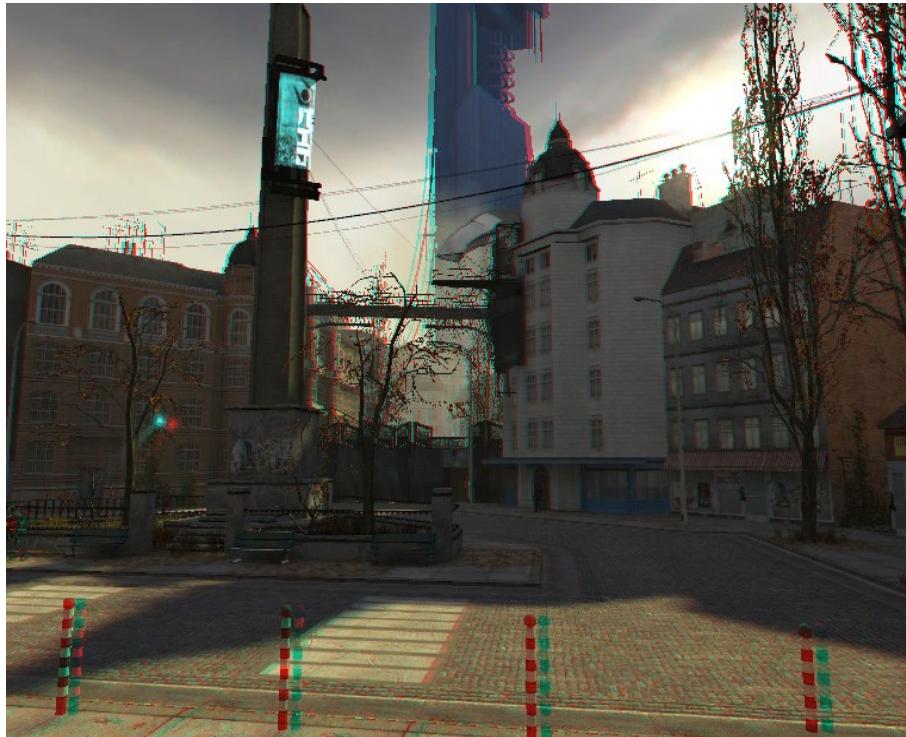
HEIGHT-NORMALMAP

5. This is a height map that represents changes in elevation similar to top down view of terrain. The left most image is the black and white height map; however, to get most games to render a sense of elevation, requires the normal map which is on the right. It was created with a tool set for creating normal maps from height maps.



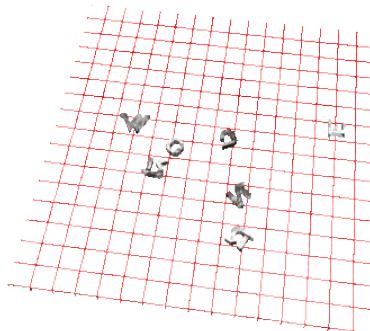
3D-ANYGLYPH

6. This is a scene from the popular game Half Life 2 by VALVE using two screen shots from the game at two slightly different angles. Using GIMP, you are able to take both images and using a freely available plug-in to can create a 3d image for use with red cyan 3d glasses.



GIMP AND 3DSMAX

6. These two images are rendered from 3d animations created in 3DSMAX and converted to gif's using GIMP's animation tool package. However, the animations will not play in a PDF. On the [previous web page](#), the two images are animated.



GIMPS USE FOR WEBDESIGN

7. This is the image appears on the [GIMP EXAMPLE](#) page of my portfolio. This illustrates using GIMP to create web content for web design. This simple image previews the content of the PDF.

