



DIGITAL DENIM DESIGN





DIGITAL DENIM DESIGN

3D denim is an optical effect
created by the use of anaglyphs





DIGITAL DENIM DESIGN



What is an Anaglyph?

A moving or still picture consisting of two slightly different perspectives of the same subject in contrasting colors that are superimposed on each other, producing a three-dimensional effect when viewed through two correspondingly colored filters.

<http://www.thefreedictionary.com/anaglyph>



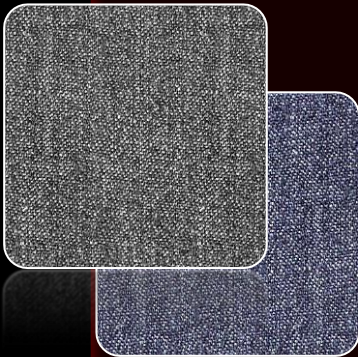


DIGITAL DENIM DESIGN

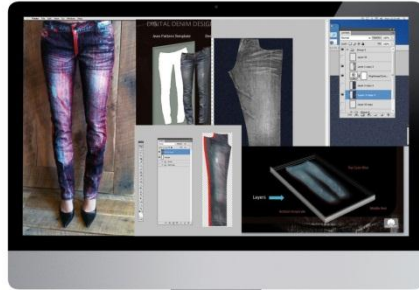
What You Will Need to Get Started



3D glasses



Denim textures put in repeat



Graphic design software & a designer well versed in the software



White denim fabric



Photos or scans of jeans



Denim jean pattern layouts





DIGITAL DENIM DESIGN

Clean up image for uniform appearance



Denim jean pattern layout

Build the jean by placing your scan and photo imagery into the garment pattern

Add desired details such as wrinkles and tears





DIGITAL DENIM DESIGN

Place additional allover textures to
create a realistic denim appearance



Digital denim pattern

Denim texture 1

Denim texture 2

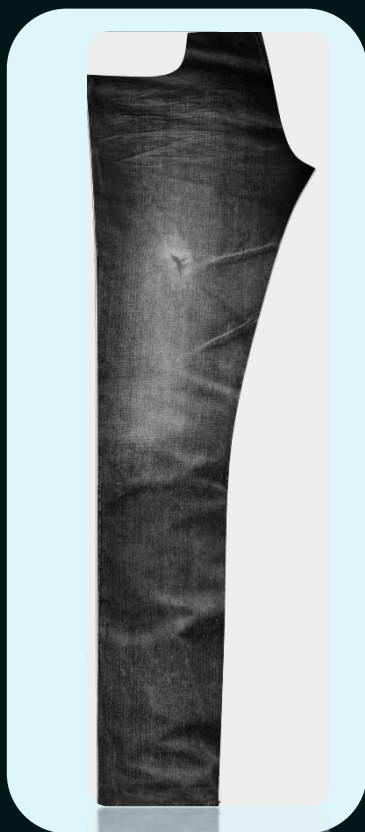


Digital denim





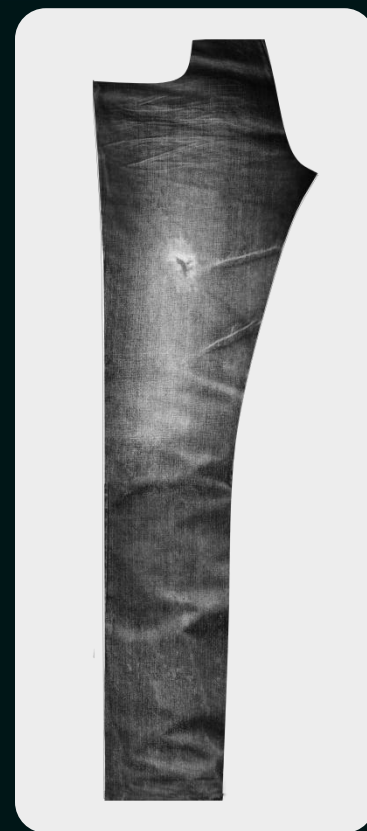
DIGITAL DENIM DESIGN



Digital denim



Change image to
grayscale



Converted to grayscale





DIGITAL DENIM DESIGN



Original grayscale



Duplicate image twice





DIGITAL DENIM DESIGN

Convert the duplicates into vibrant contrasting red and blue images



Original grayscale



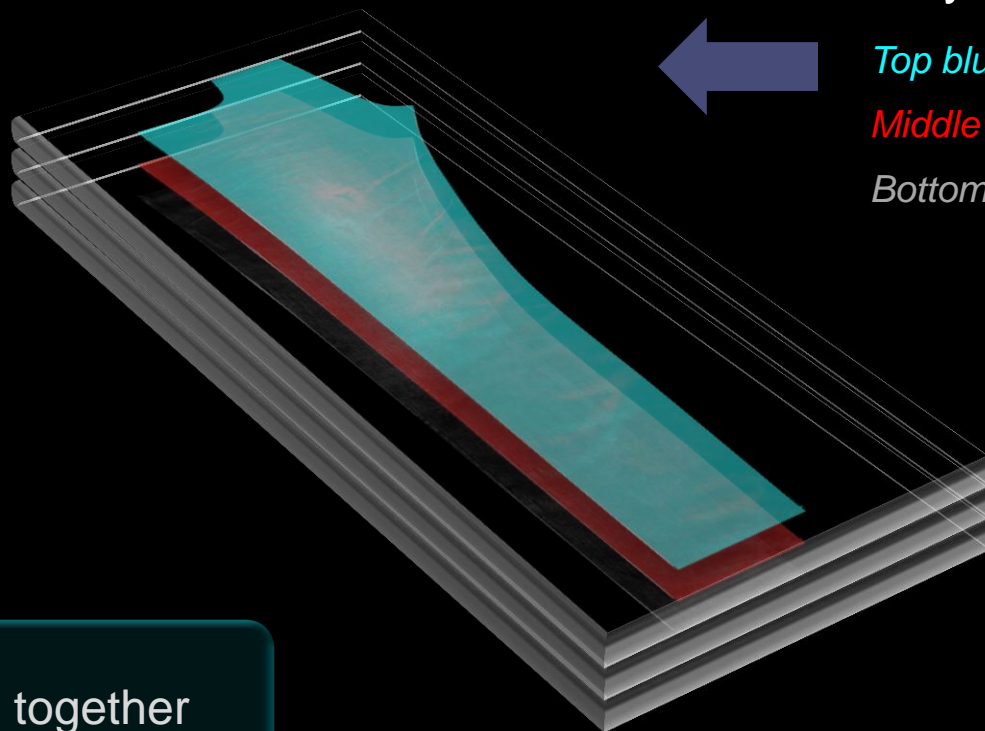
Grayscale converted to red

Grayscale converted to blue





DIGITAL DENIM DESIGN



Layers

Top blue

Middle red

Bottom grayscale

Put it all together





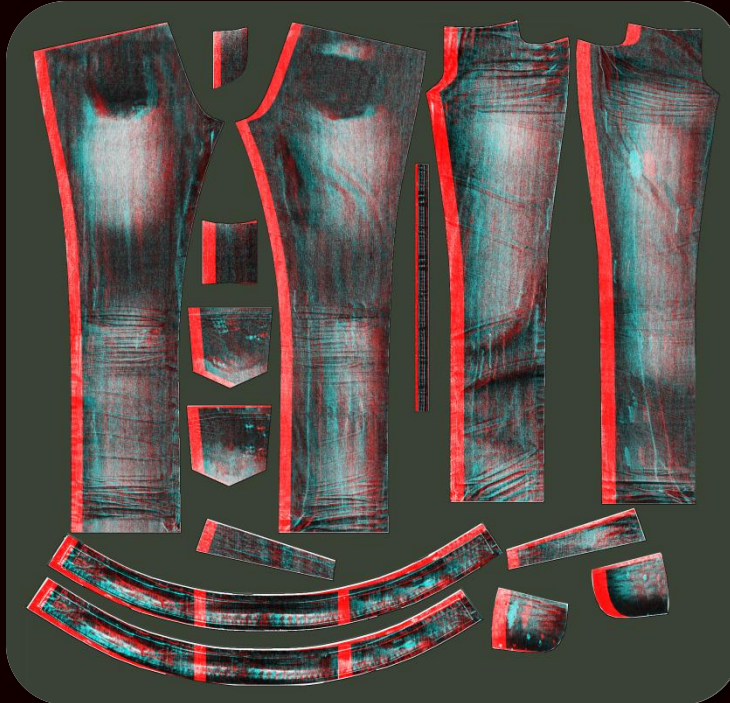
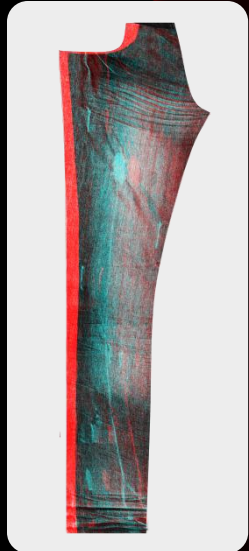
DIGITAL DENIM DESIGN

Put on glasses and shift
layers until the desired 3D
effect is achieved





DIGITAL DENIM DESIGN



Digitally print on
white denim



This entire procedure should be repeated
for each pattern piece of the jean

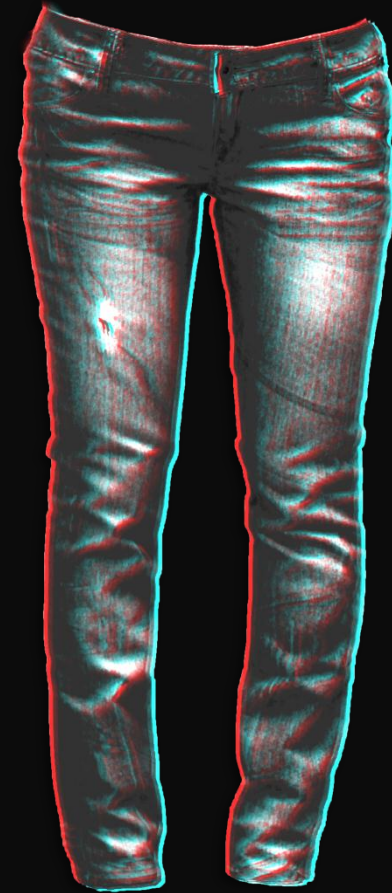


3D

DIGITAL DENIM DESIGN



Cut and sew





DIGITAL DENIM DESIGN



Voila!
It's done!

