

HOW TO:

DESIGN for the COLORBLIND

There are an
estimated
300 million people
in the world
w/ color blindness

8% of all men

0.5% of women

1 in 12 men
are colorblind

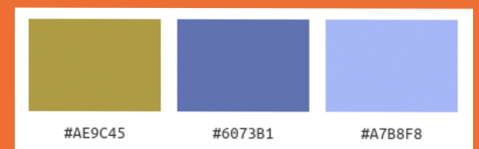


An Example of a **Good Contrasting** Color Palette

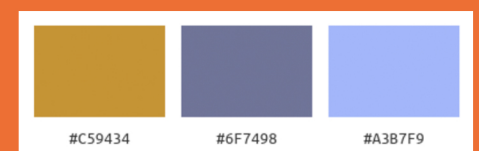
with
Normal Color Vision:



with
Protanopia Vision:



with
Deuteranopia Vision:



Design should be for **everyone**.
Here are some ways to
design for the colorblind:

1. Use both colors & symbols
2. Keep it minimal
3. Use patterns & textures to show contrast
4. Be careful with contrasting colors & hues
5. Avoid bad color combos

<https://www.perkins.org/resource/how-design-color-blindness/>