

# Make your own custom color palette, images and more on a led matrix using a color sensor

## Hardware used:

- ws2812b LED strip
- TCS3200D-TCS230 color sensor



## How to use:

- Define the pins
- Make a matrix with the size you are using  
matrix<size1,size2> name (defined port and mask)  
Add a sensor using  
sensor name(output and 4 datapin port and mask)
- Use the functions described in the doxygen to start making your own custom colors display on the LED matrix

