

# OpenCV

## HSV

HSV color space consists of 3 matrices:

- HUE: color range in (0-179)
- SATURATION: amount to which that respective color is mixed with white, range in (0-255)
- VALUE: amount to which that respective color is mixed with black, range in (0-255)

Hue values of basic colors:

- Orange 0-22
- Yellow 22- 38
- Green 38-75
- Blue 75-130
- Violet 130-160
- Red 160-179

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