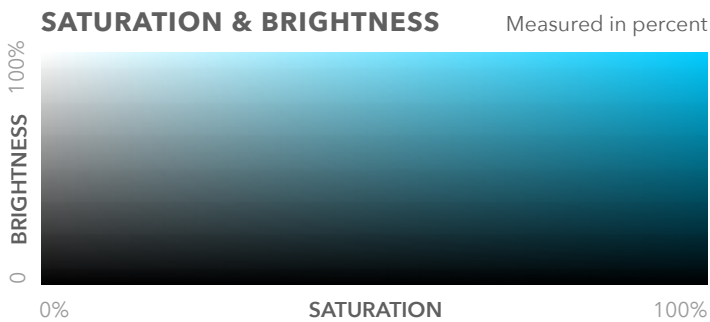
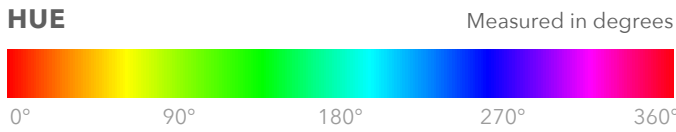


# UI COLOR CHEATSHEET

from LEARN UI DESIGN · cheatsheet version 1.3

## Work in the HSB color system

Hue-Saturation-Brightness is more intuitive than RGB



Saturation refers to **richness** of the color:

- 0% saturation (left edge) is always a flat gray.
- 100% saturation (right edge) is always a rich color or black, depending on brightness

Brightness is "**how on** the light bulb is":

- 0% brightness (bottom edge) is always black
- 100% brightness (top edge) is a bright color or white, depending on saturation

## To Make a Color Variation...

Color adjustments are either lighter or darker

### LIGHTER VARIATIONS

- **Increase** brightness
- **Decrease** saturation
- Hue towards **cyan, magenta, or yellow**

### DARKER VARIATIONS

- **Decrease** brightness
- **Increase** saturation
- Hue towards **red, green, or blue**

## Variations are Everything

The core skill of color in UI design is making variations

**Lighter** variations on the background color for **raised** controls

**Darker** variations on the background color for **inset** controls

Disabled = **lighter** variation

Normal button = base color

Hovered = **darker** variation

## How to Shift Hues

Different hues have different luminosities, which complement them being used as darker or lighter variations

