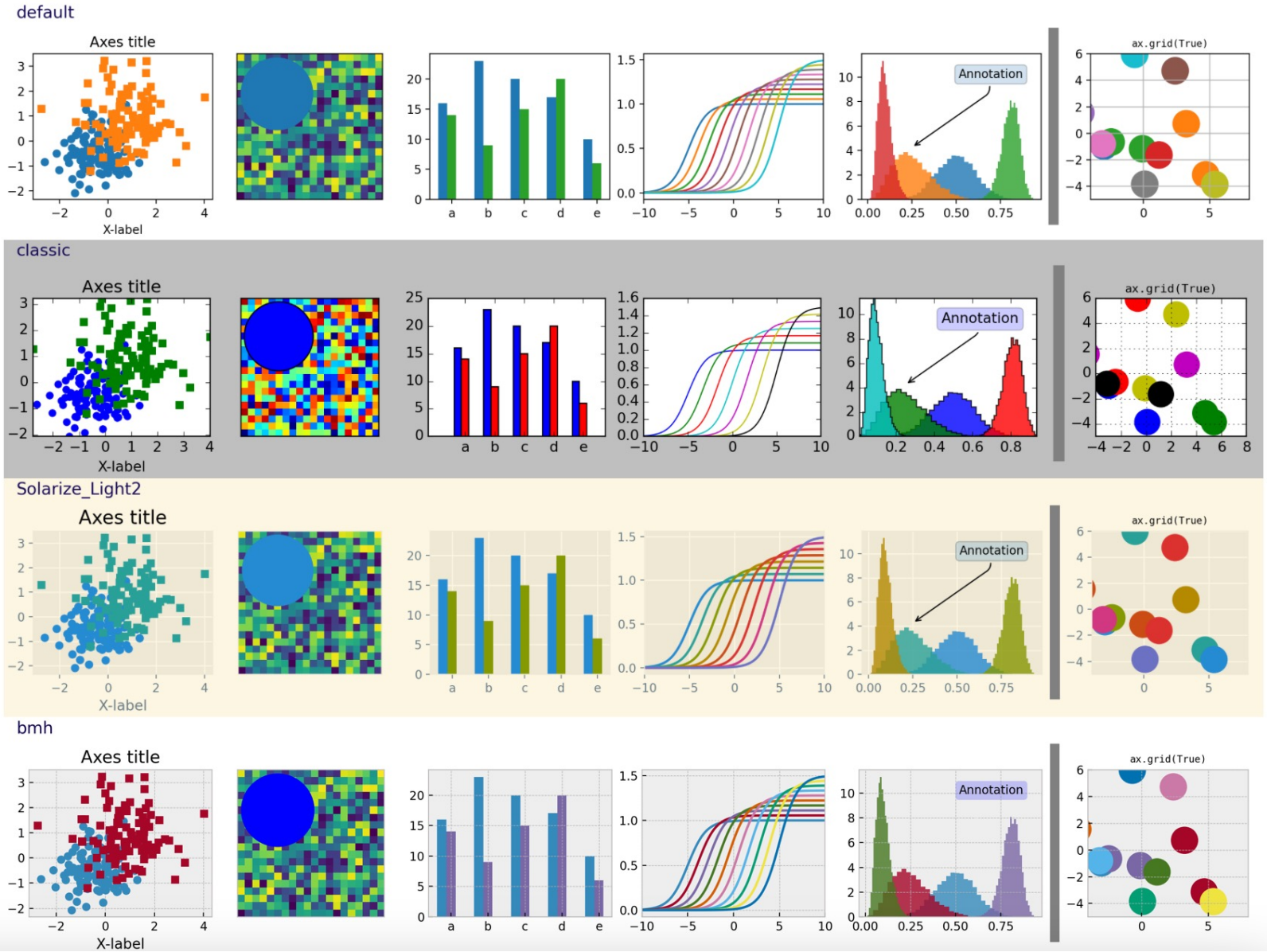
Data Visualization in Matplotlib

Matplotlib style sheets reference



- Matplotlib offers a number of different styles for plotting.
- We are using the fivethirtyeight style

Matplotlib colors

Base colors

Tableau Palette

- These colors can by used as string arguments for various plotting functions

CSS colors

Hexadecimal color codes

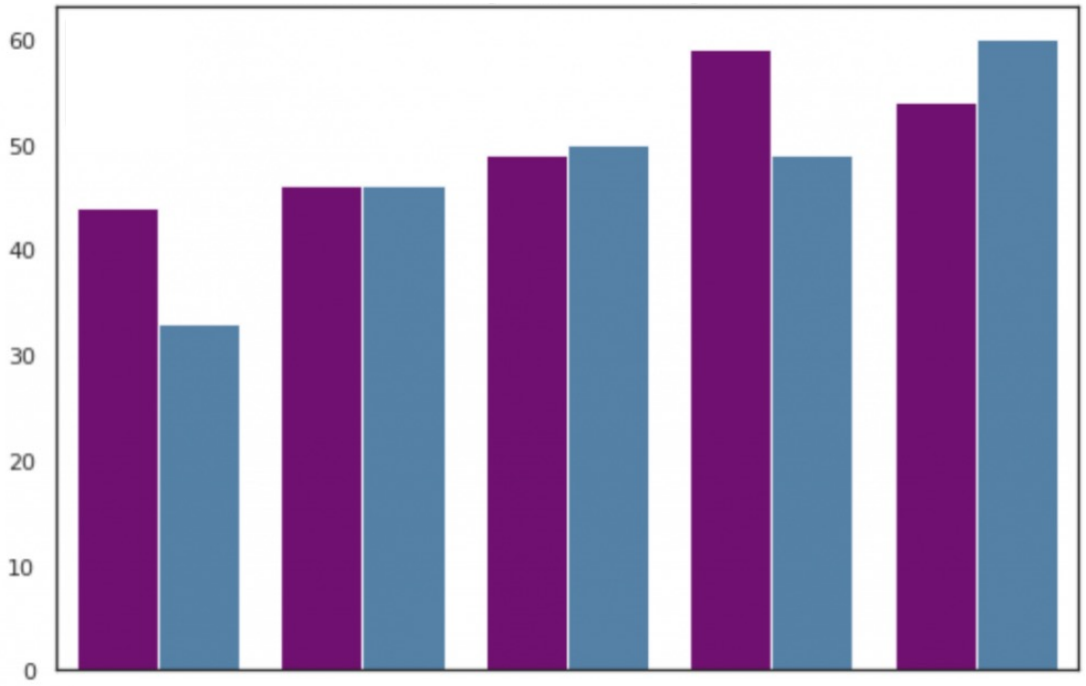
- Alternatively, you can use hexadecimal color codes as arguments for plotting functions, which offer more flexibility and specificity in color choice.

1. Pick a color

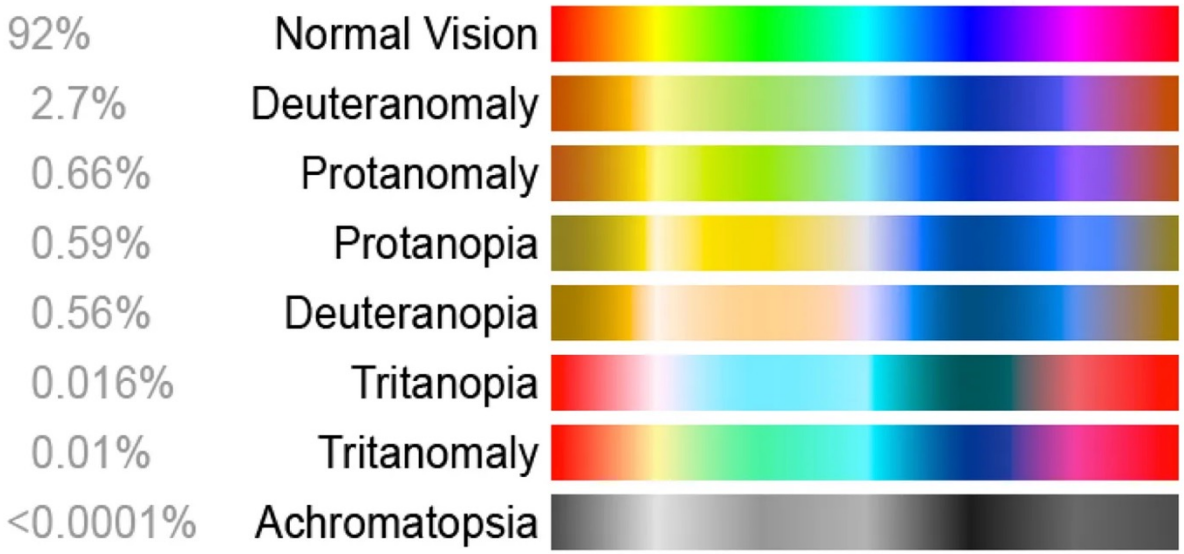
#1ecbe1

Graph Annotation

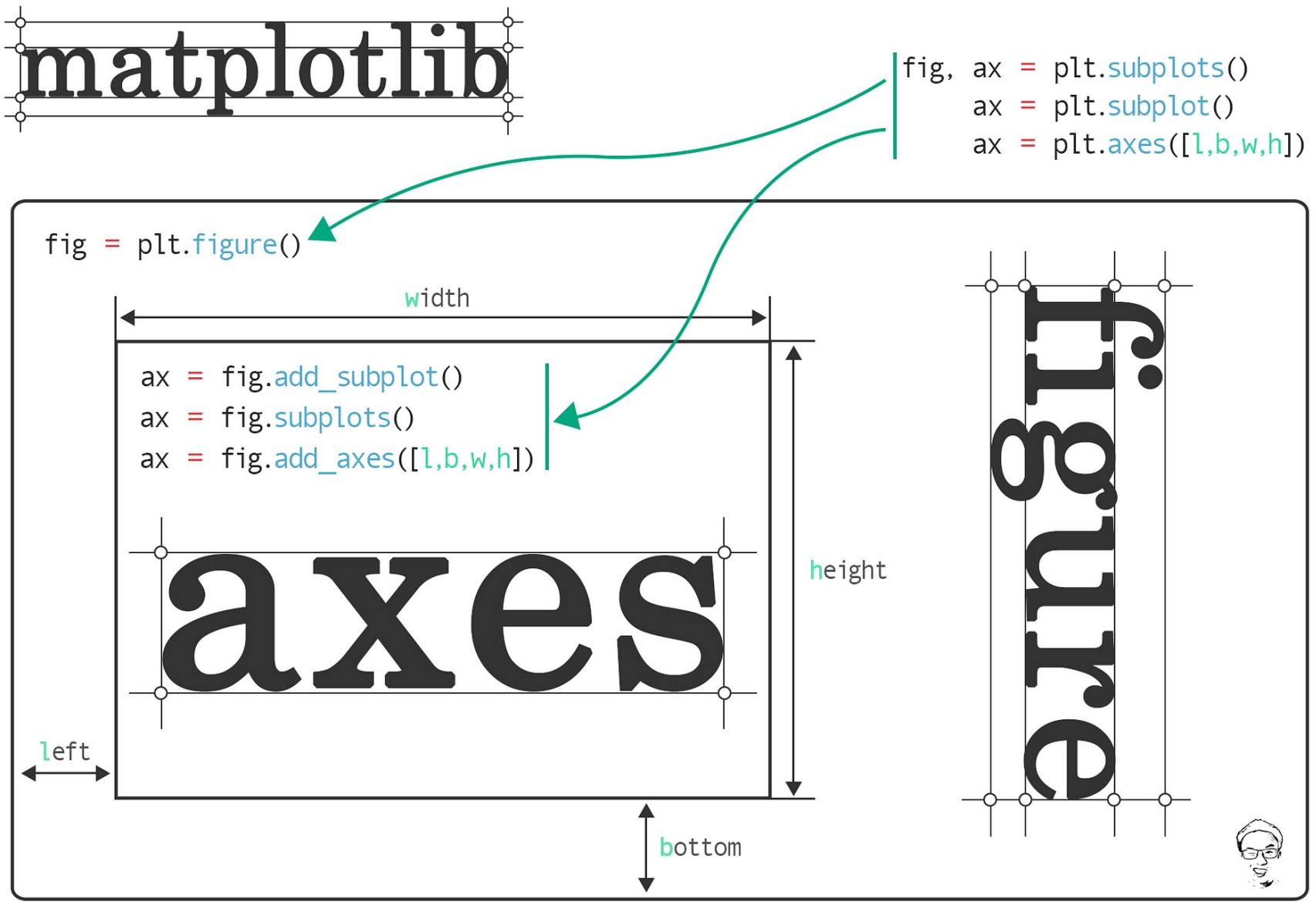
- You should always aim to add as much descriptive detail about your graphs through the use of axis labeling, titles, and legends



Colorblind-friendly palettes



- Be mindful about the usage of colors when making graphs.
- Try to use color palettes that increase accessibility by using contrasting colors.



- A figure is an object that acts as a container for all plot elements.
- Axes are objects that act as the bounds of plot elements.