Color

Of all the design elements, color is the most fascinating. It attracts attention. It excites emotions. It enriches our lives. Color is a tool you can use when you are designing. An easy way to see how colors work together is to use a color wheel.
Hue, Value, and Intensity
Colors differ in hue, value, and intensity.

Hue is the name of a color, such as yellow, red, or blue.

Value describes how light or dark a color is. When a color has white added to it, it is a tint and is lighter in value. When a color has black added to it, it is a shade and is darker in value.

Intensity (also called chroma or saturation) is the brightness or dullness of a color. A color as we see it on a color wheel is at full intensity (bright). When we mix it with gray, black, or white, it becomes dull. Colors also lose intensity when mixed with their complement (the opposite color on the wheel). For example, adding a little green to bright red will make the red duller.

Primary and Secondary Hues
There are hundreds of individual colors, but all of them are derived from the three primary hues:

Secondary hues are a combination of the primary hues. Yellow + red = orange; red + blue = violet; and blue + yellow = green.

Color Schemes
Monochromatic
Monochromatic color combinations are made up of one hue in different values and intensities. This example uses different values and intensities of red.

Complementary
These schemes are made from hues directly opposite each other on the color wheel, such as yellow and violet. These combinations have the strongest hue contrast.

Analogous
Analogous schemes are three to five hues that are next to each other on the color wheel. These schemes always have one color in common. Red is the common hue in the example shown here (orange, red-orange, and red).

To learn more
You can learn more about color by experimenting and observing.
1. Try mixing your own paints to create your own color wheel.
2. Trace the outline of shapes in a magazine picture. Color in the shapes, using one of the color schemes.
3. Find 10 colors that really catch your eye. Describe them by hue, value, and intensity.
4. Draw a simple design three times. Color each one using a different color scheme.