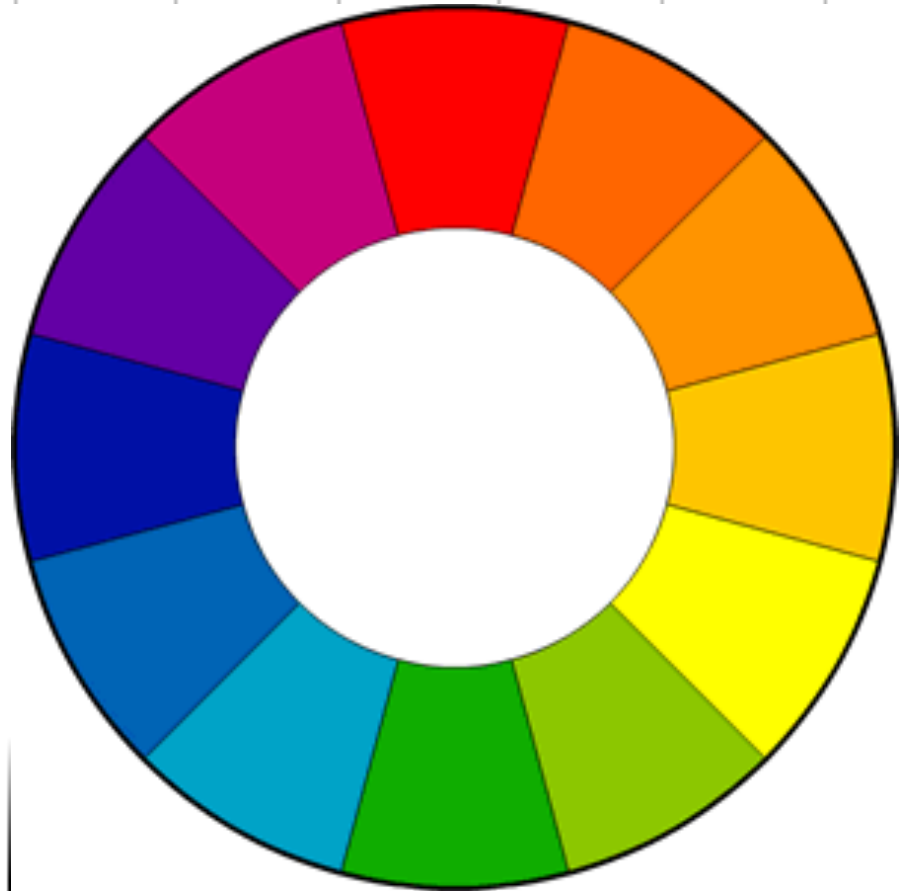


# Color Theory Part II

Color combinations

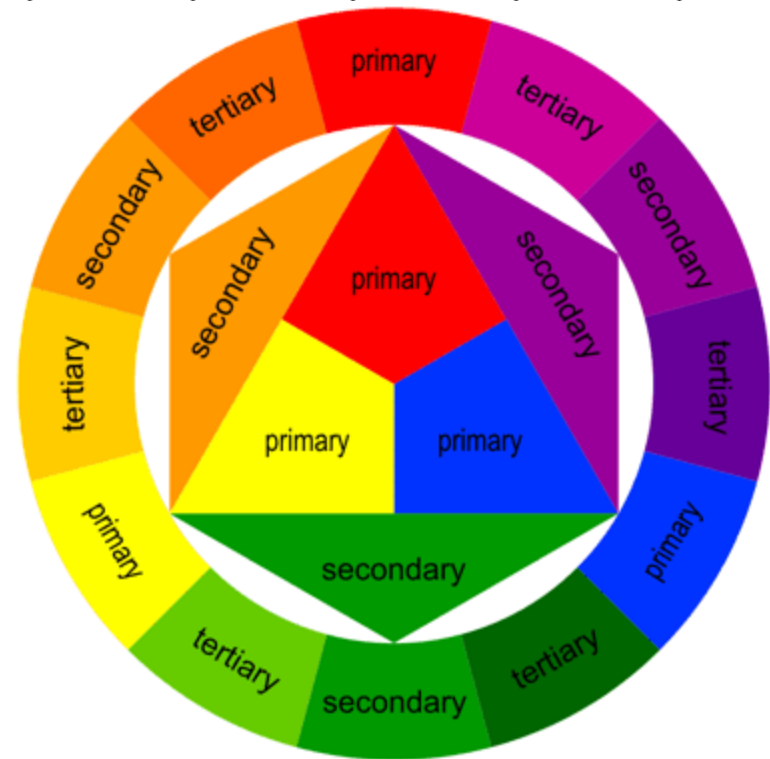
# The Color Wheel

- The first color wheel was created by Sir Isaac Newton in 1666
- There are a number of color combinations that are considered “aesthetically pleasing”
- They typically consist of two or more colors with a fixed relation in the color wheel

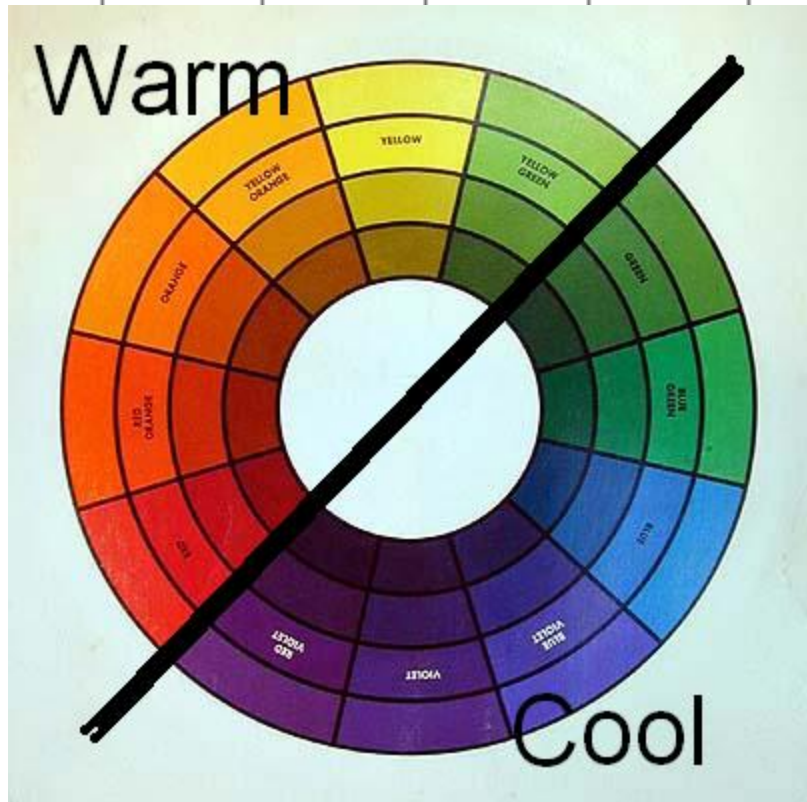


# Primary, Secondary, and Tertiary Colors

- **Primary Colors:** red, blue, yellow
- Primary colors mix to create **secondary colors:** orange, green, and purple
- Secondary and primary colors mix to create **tertiary colors:** red-orange, red-purple, purple-blue, blue-green, yellow-green, and yellow-orange



# Warm and Cool Colors



- Warm colors: red, yellow, orange
- Cool colors: blue, green, purple

# Color Schemes

RGB Color Wheel



- **Complimentary color scheme: using colors directly across from each other on the color wheel**
- **Ex: blue-orange, red-green, yellow-purple**
- **Looks very vibrant, will make your image stand out, be careful using it on a large scale!**

# Color Schemes

- **Analogous color scheme: using colors next to each other on the color wheel**
- **Ex: green, blue-green, yellow-green**
- **Analogous colors are often found in nature, pleasing to the eye, and harmonious. Make sure you choose one main color to help it stand out!**



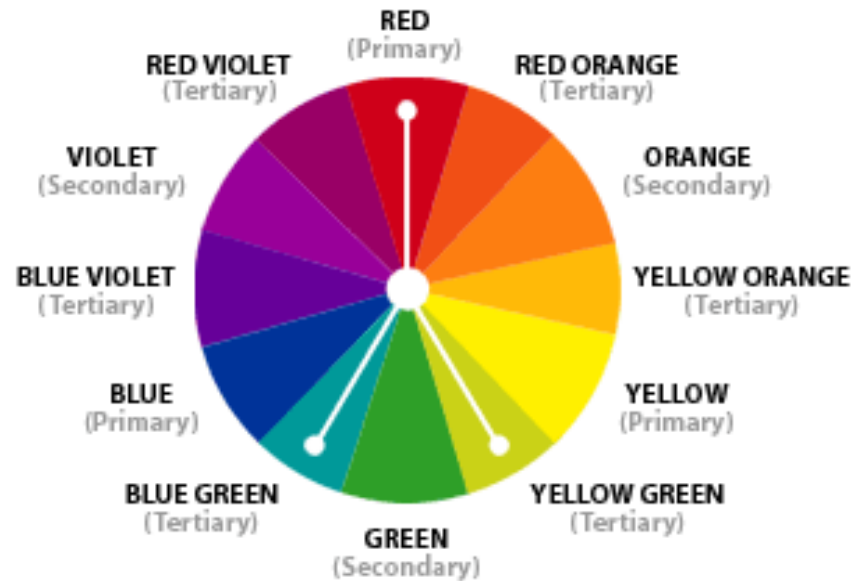
# Color Schemes



- **Triadic color scheme: using colors that are evenly spaced in the color wheel**
- **Ex: purple, green, and orange**
- **This color scheme is very vibrant. Choose one color to dominate, use the other two as accents**

# Color Schemes

- **Split-complementary color scheme:** In addition to the base color, it uses the two colors adjacent to its complement.
- **Ex: Red, blue-green, green**
- **This color scheme has very strong visual contrast, but is less overpowering than the complementary scheme**





# Color Schemes



- **Rectangle (tetradic) color scheme: using four colors that are arranged in a complimentary pair**
- **Ex: red, green, orange, blue**
- **This scheme allows for a lot of variation, choose one dominant color, balance cool and warm colors**

# Color Schemes

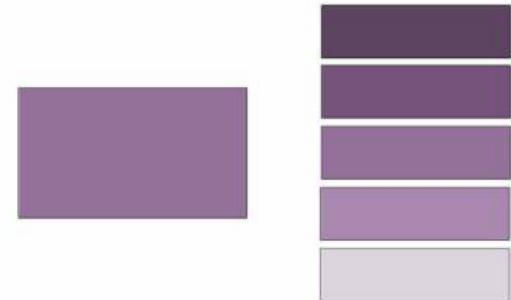
- **Square color scheme:**  
Four colors spaced evenly in the color wheel
- **Ex: Red, green, blue-purple, orange-yellow**
- **This scheme allows for a lot of variation, choose one dominant color, balance cool and warm colors**



# Tints and Shades

- No matter what color scheme you choose you can add tints and shades to your colors!
- A tint is when you add white to **LIGHTEN** the color
- A shade is when you add black to **DARKEN** your color

Various Tones,  
Shades & Tints



# Color schemes

- Look at your color wheels
- Look at color combinations you can make using the various color schemes
- Which color scheme/combination do you like best?

# Your Assignment

- Research the color schemes listed on your worksheet
- Choose colors that fall into the color schemes, create the colors using **PRIMARY colors ONLY**, fill in the boxes
- Pay attention to the color schemes you like!

**THE END**