# The Color Wheel

**An Introduction to colour mixing.**

Weblinks

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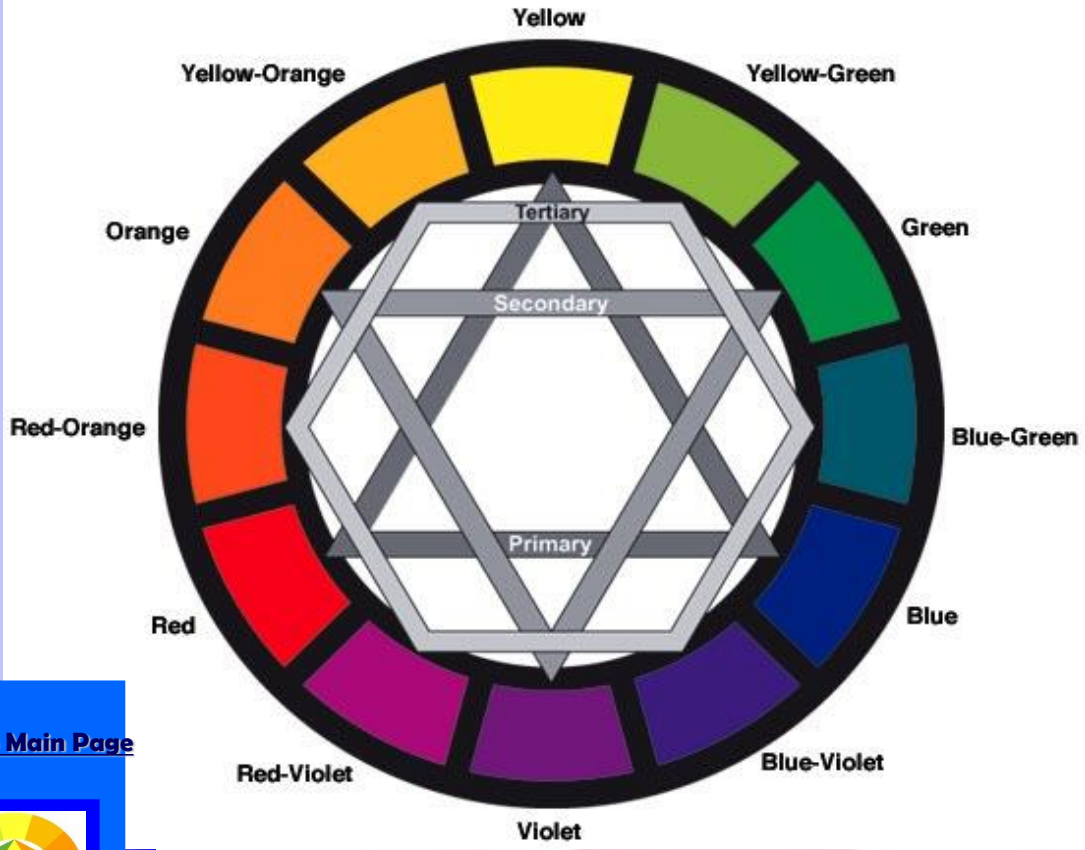
# The Color Wheel



- The color wheel shows relationships between the colors.
- Artists often use the color wheel to help understand how colors relate to one another.

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# The Color Wheel



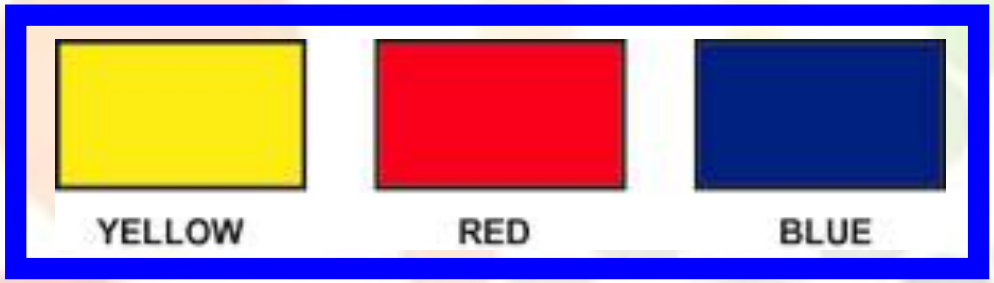

- Primary Colors
- Secondary Colors
- Tertiary Colors

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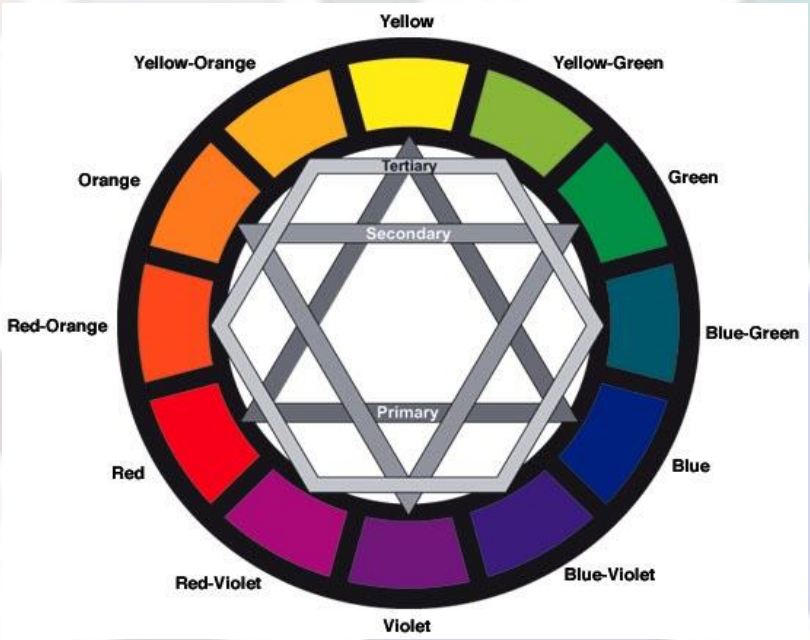
Secondary Colors

Tertiary Colors

# Primary Colors




- The primary colors are red, blue, and yellow.
- Primary colors cannot be made from other colors.

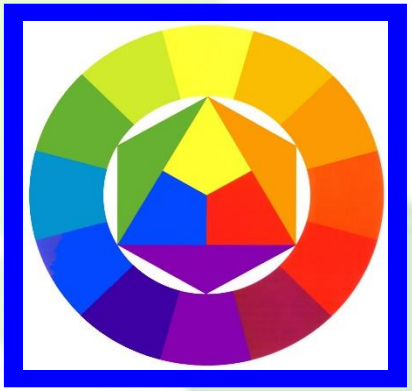



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# COLOR MIXING

## Primary + Secondary



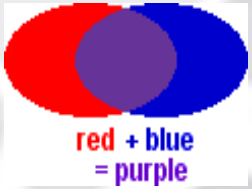
When you mix the Primary Colors together, you get the Secondary Colors.

**What colors do these make?**

**Red + Yellow = Orange**




**Red + Blue = Purple**




**Blue + Yellow = Green**




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Click the Mouse Anywhere to Reveal the Answers

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Cool Colors

# Warm Colors



- The warm colors are red, orange, yellow, and anything in between.
- They are called warm because they remind you of the sun or fire.
- Warm colors seem to come out at you in space.

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Cool Colors

# Warm Colors







*The Fighting Temeraire* by William Turner

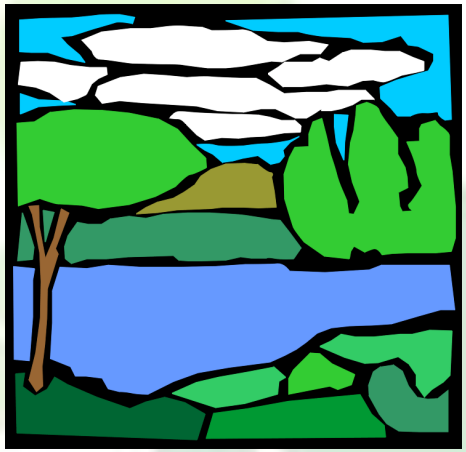
- In *The Fighting Temeraire* by William Turner, the warm colors of the sunset give a feeling of brightness and heat. Look at the red spreading from the setting sun and the deep golden glow on the water. If you're feeling cold, looking at colors like these can actually make you feel warmer!

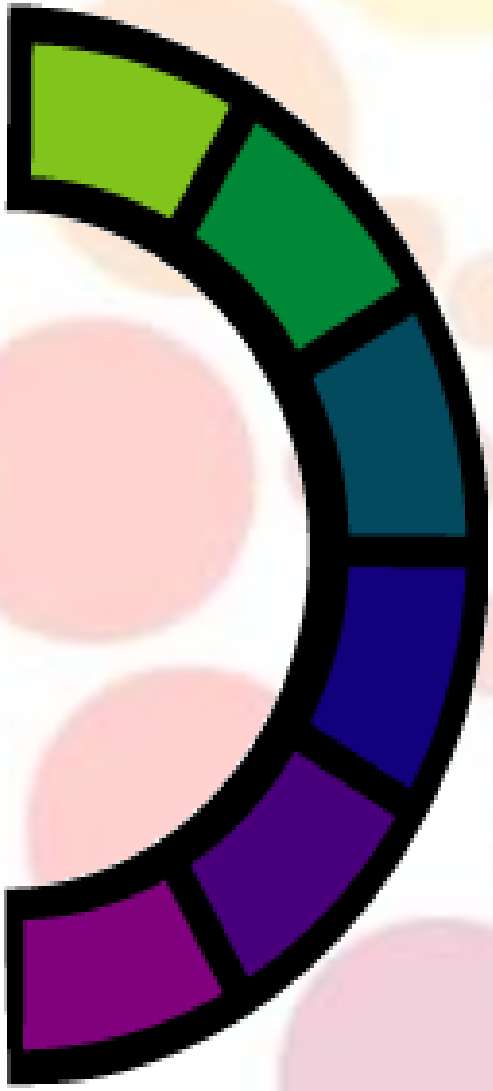
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Warm Colors

# Cool Colors





- The Cool colors are **blue, green, purple** and anything in between.
- They are called cool because they remind you of the earth or a cool creek.
- Cool colors seem to recede from you in space.

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Warm Colors

# Cool Colors





***The Walk, Lady with a Parasol***
**by Claude Monet**

- In this painting by Claude Monet, ***The Walk, Lady with a Parasol***, the cool colors of the ground and sky contributes to the peaceful feeling of the painting. Imagine how different the painting would look with a bright red sky—it might seem more exciting or energetic than restful.

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# COLOR MIXING

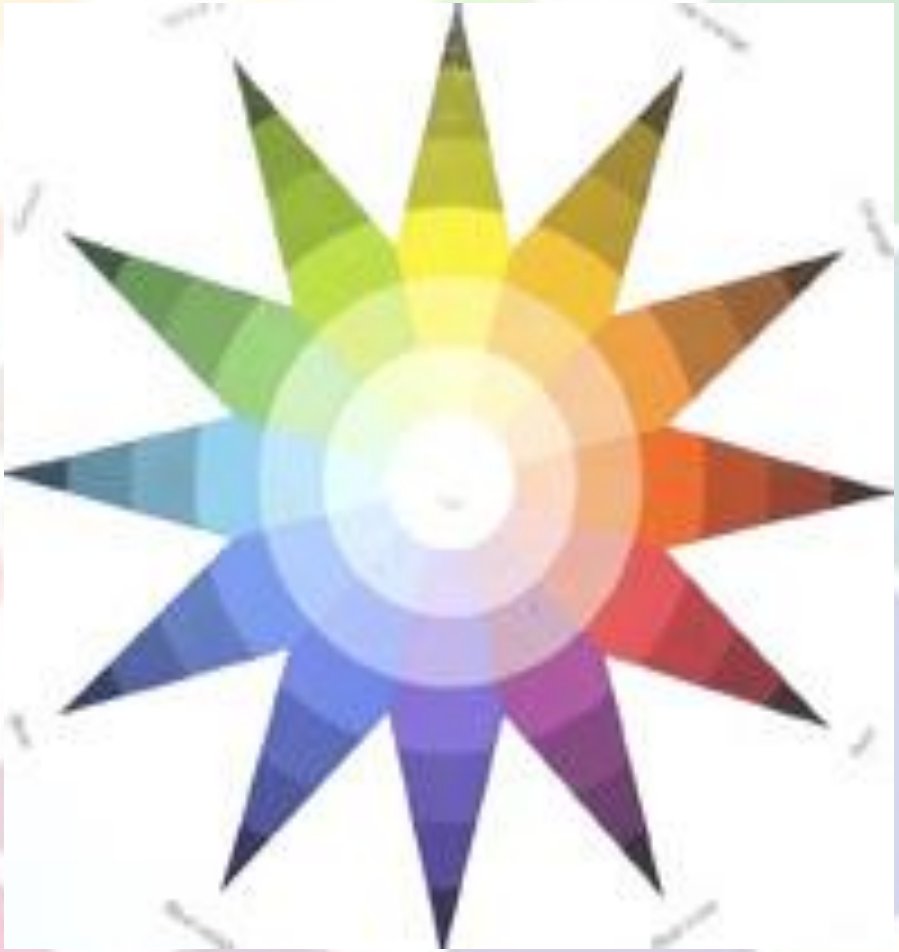
## Tints and Shades



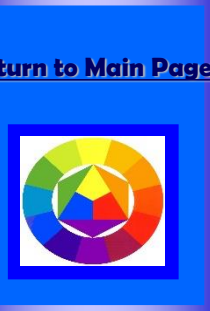
## Making Tints and Shades



- A shade of color is made by mixing that color with black.
- A tint of color is made by mixing that color with white.



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# COLOR MIXING

## Tints and Shades



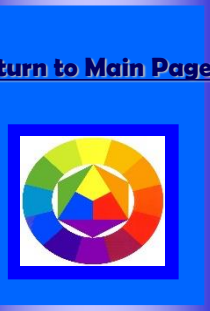


***Fields in a Rising Storm***

**By Vincent Van Gogh**

- This painting by Vincent Van Gogh, *Fields in a Rising Storm,* has tints and shades of blue in the sky, and tints and shades of green in the fields.

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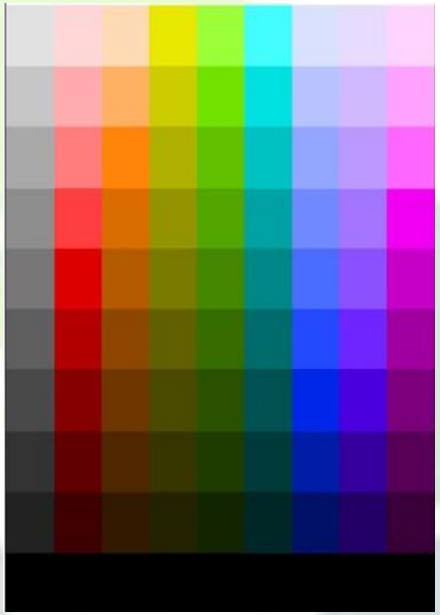
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Go to Value

# COLOR MIXING

## Value, Tints, & Shades



The lightness or darkness of a color is called its value.

- **Tints** are light values that are made by mixing a color with white. For example, pink is a tint of red (red+white), and gray is a tint of black (black+white).
- **Shades** are dark values that are made by mixing a color with black. Maroon is a shade of red, and navy is a shade of blue.

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How can I tint my yellow? What colour should I use?

What if I add black to my yellow paint? What will happen?

# Web Links

- Clickable Color Wheel
  - Basic Color Schemes Color Wheel
- Carmine's Introduction to Color
  - This site uses fun rhymes to explain what primary, secondary, and intermediate colors are. Mix colors before moving to another page and complete a quiz on color wheels.
- Sanford's ArtEdventures with Carmine Chameleon
  - During this online adventure kids can learn about the color wheel, primary, secondary, and intermediate colors. Students also can find out what colors create these secondary and tertiary colors. Includes interactive game for mixing colors online.
- Color Factory
  - Visit the online color factory for fun activities. Select the "Sorting Sector" and practice your knowledge of the color wheel by selecting and placing right colors into the circle. Go to the "Mixing Room" and create secondary and intermediate colors using online mixing machine then go to the "Messy Area" to paint pictures.
- Make a Splash with Color
  - Learn about color. Find out why and how we see colors. Discover how hue, saturation, and brightness effect an image. Click on the "Combining All Three" link to go to the part of the site with interactive color wheel for practicing use of hue and saturation.
- The Science of Light: Made from Dots
  - Read how cyan, magenta, and yellow colored dots are mixed together to produce images on paper. Click on the "Go" link and use three swatches to mix and match colors.
- The World of Color
  - Here are interactive applets that demonstrate how colors interact, mix with each other, and affect images.
- Additive Color
  - Learn what color addition is and how it works. Use spotlights to practice mixing colors.
- Subtractive Color
  - Find out how color subtraction works and mix some colors.

Resource List

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