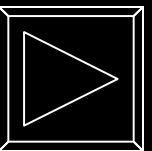
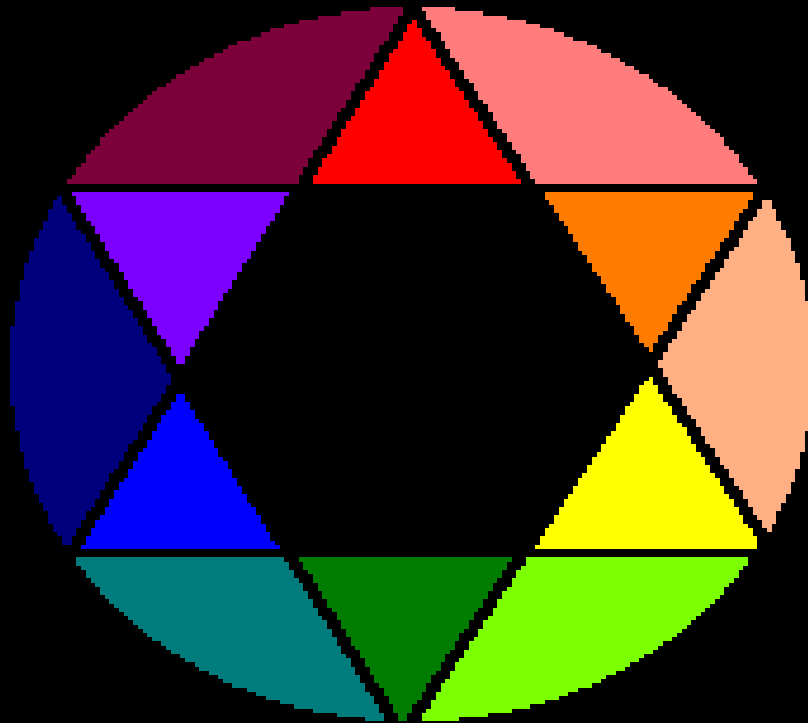


Subject: Basic Design and Visual Arts -I

Topic: Colour Theory

Presented by: Ar. Hiba Gul

Color Theory

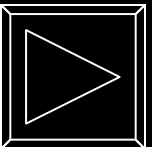
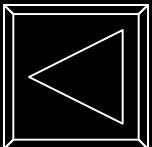


Color Theory

Color Wheel

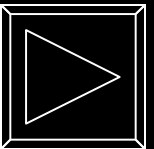
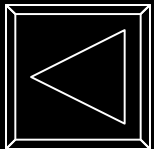
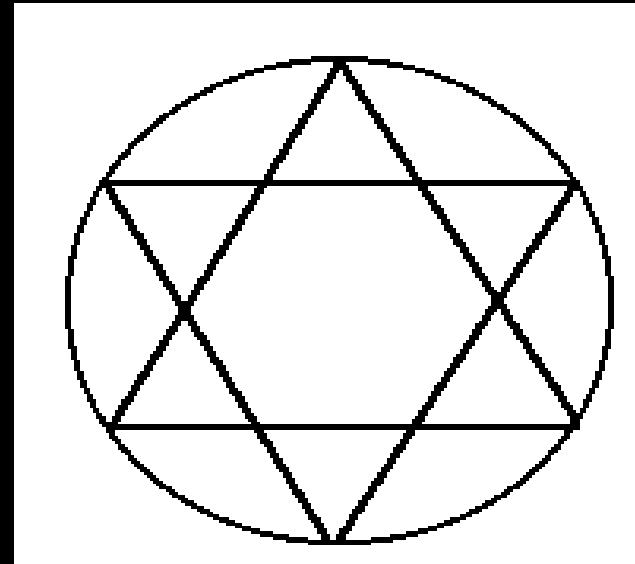
Color Values

Color Schemes



The Color Wheel

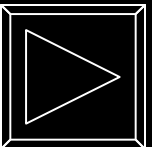
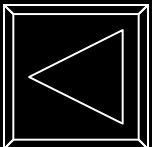
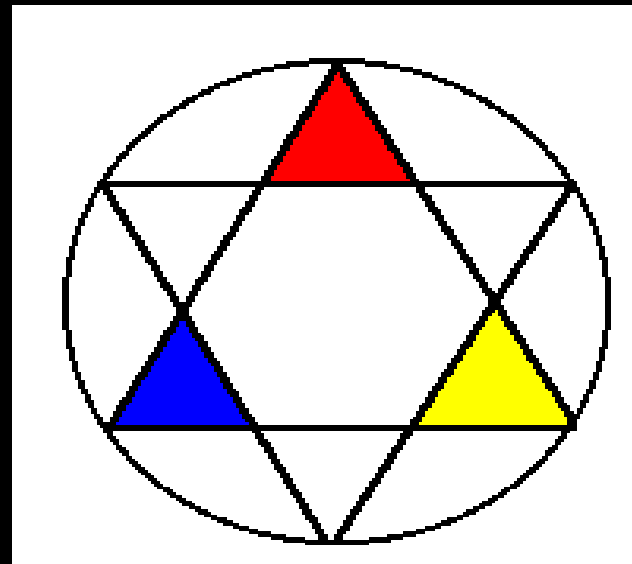
The color wheel fits together like a puzzle - each color in a specific place. Being familiar with the color wheel not only helps you mix colors when painting, but in adding color to all your art creations.



Primary Colors

Primary colors are not mixed from other elements and they generate all other colors.

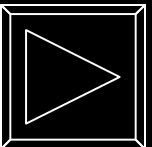
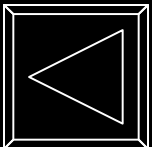
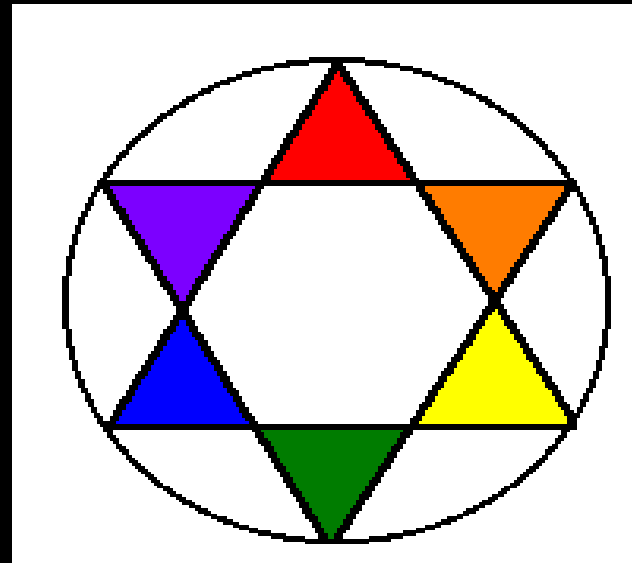
- Red
- Yellow
- Blue



Secondary Colors

By mixing two primary colors, a secondary color is created.

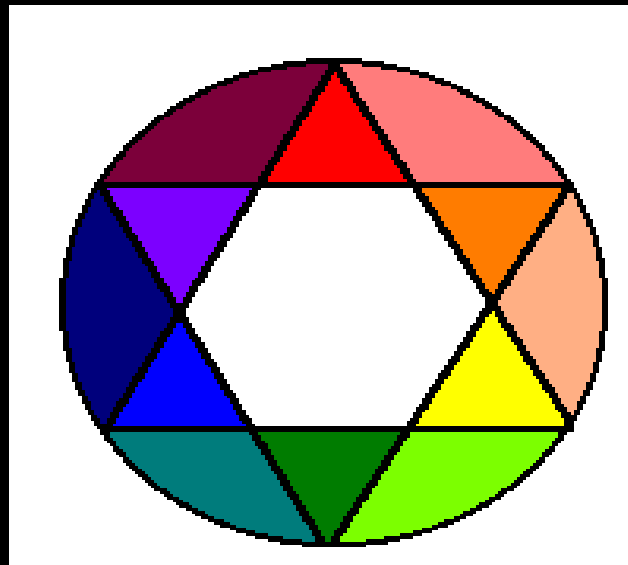
- Red + Yellow = Orange
- Yellow + Blue = Green
- Blue + Red = Purple



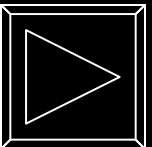
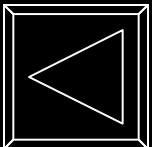
Tertiary Colors

Intermediate, or Tertiary, colors are created by mixing a primary and a secondary.

- red-orange
- yellow-orange
- yellow-green



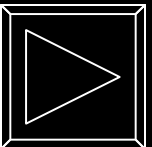
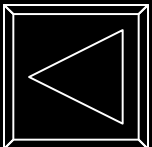
- blue-green
- blue-purple
- red-purple



Color Values

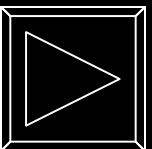
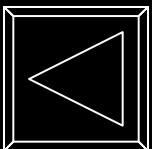
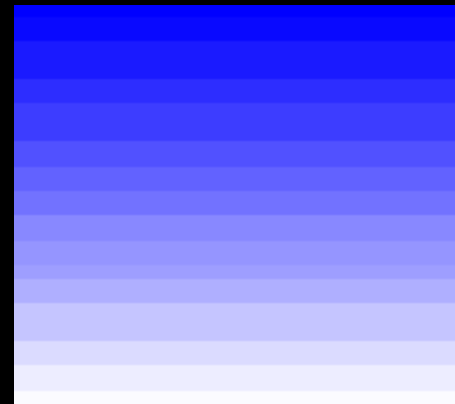
Color values are the lights and darks of a color you create by using black and white ('neutrals') with a color. This makes hundreds of more colors from the basic 12 colors of the wheel.

- **white + color = tint**
- **color + black = shade**



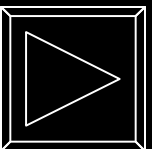
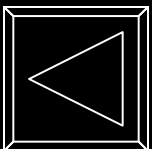
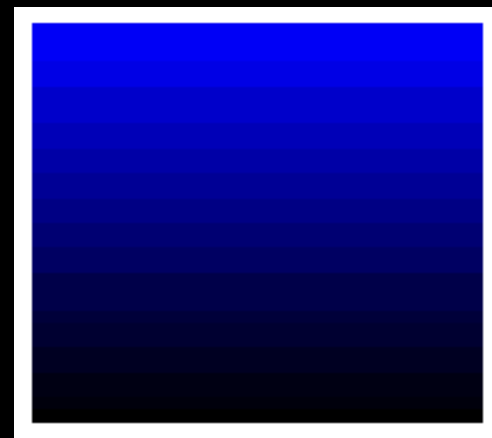
Tints

Tints are lightened colors. Always begin with white and add a bit of color to the white until the desired tint is obtained. This is an example of a value scale for the tints of blue.



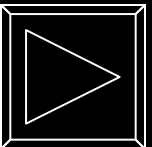
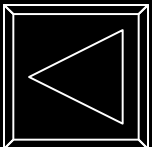
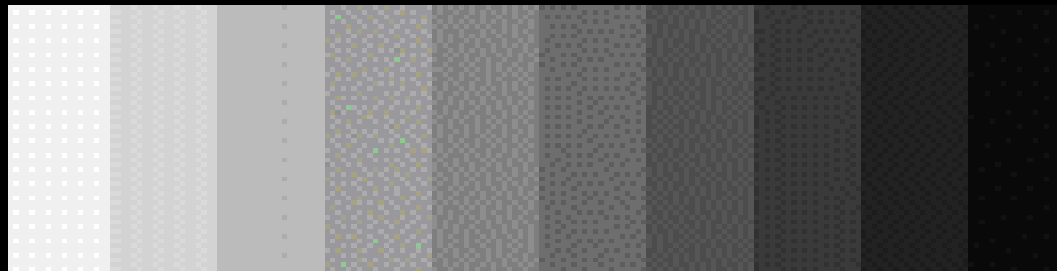
Shades

Shades are darkened colors. Always begin with the color and add just a bit of black at a time to get the desired shade of a color. This is an example of a value scale for the shades of blue.



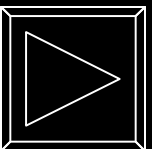
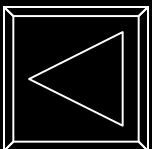
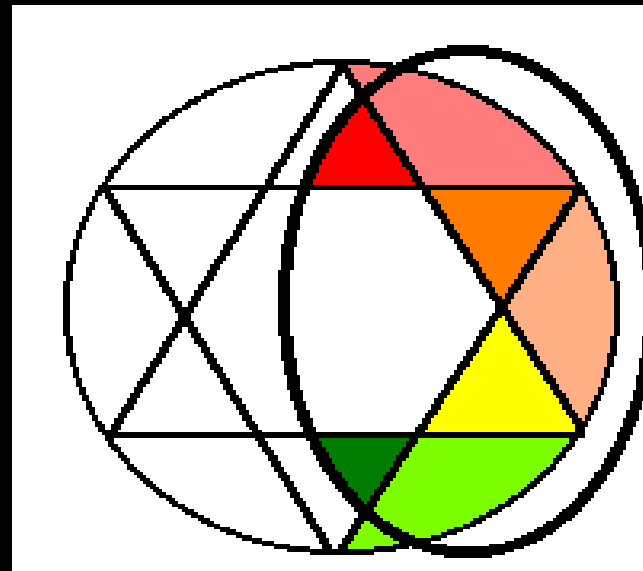
Neutral Colors

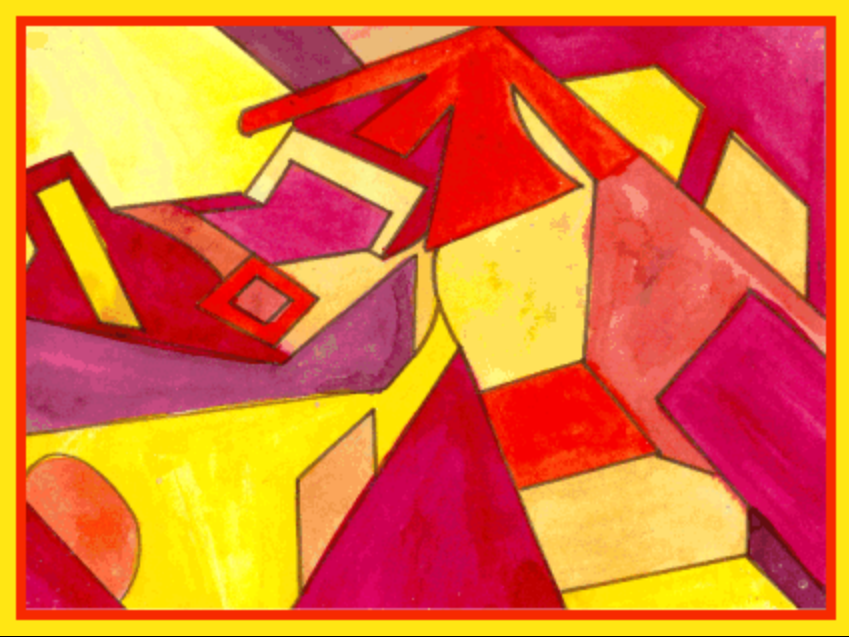
The principles of color mixing let us describe a variety of colors, but there are still many colors to explore. The neutral colors contain equal parts of each of the three primary colors. Black, off-black, white, off-white, gray and sometimes brown are considered "neutral".



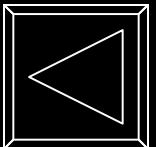
Warm

Warm colors are found on the right side of the color wheel. They are colors found in fire and the sun. Warm colors make objects look closer in a painting or drawing.



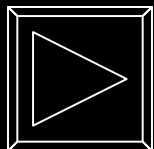
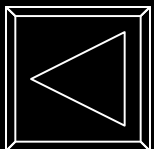
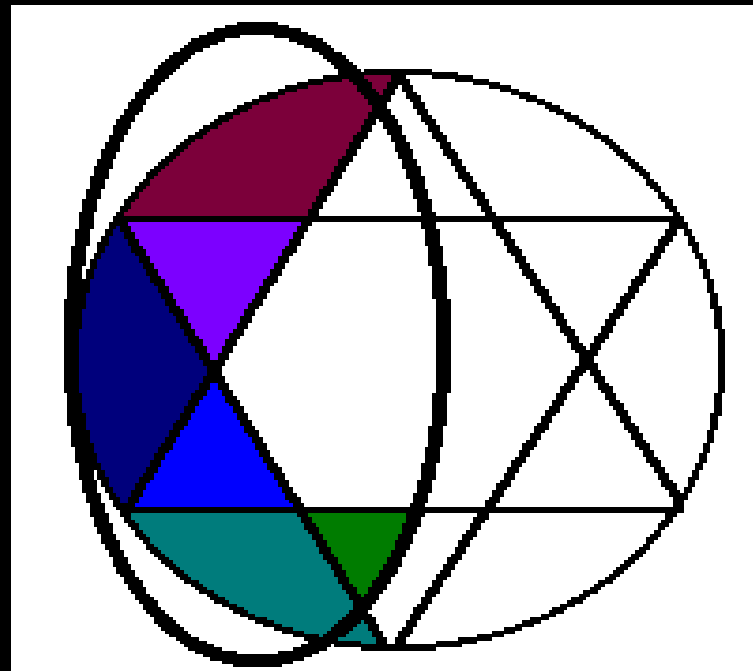


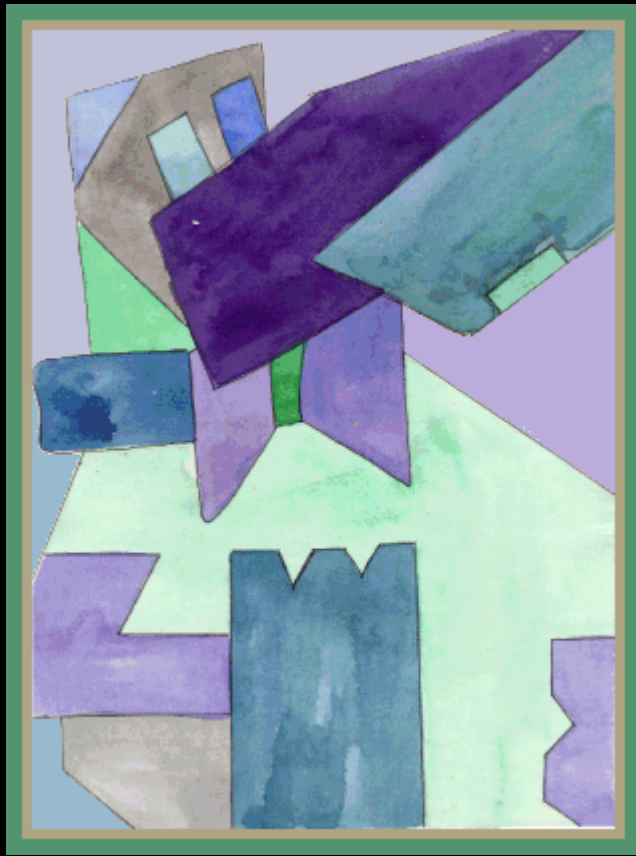
This is an illustration of the use of warm colors - reds, oranges, yellows and greens.



Cool

Cool colors are found on the left side of the color wheel. They are the colors found in snow and ice and tend to recede in a composition.





Note the **cool** color scheme in this painting (greens, purples and blues).

