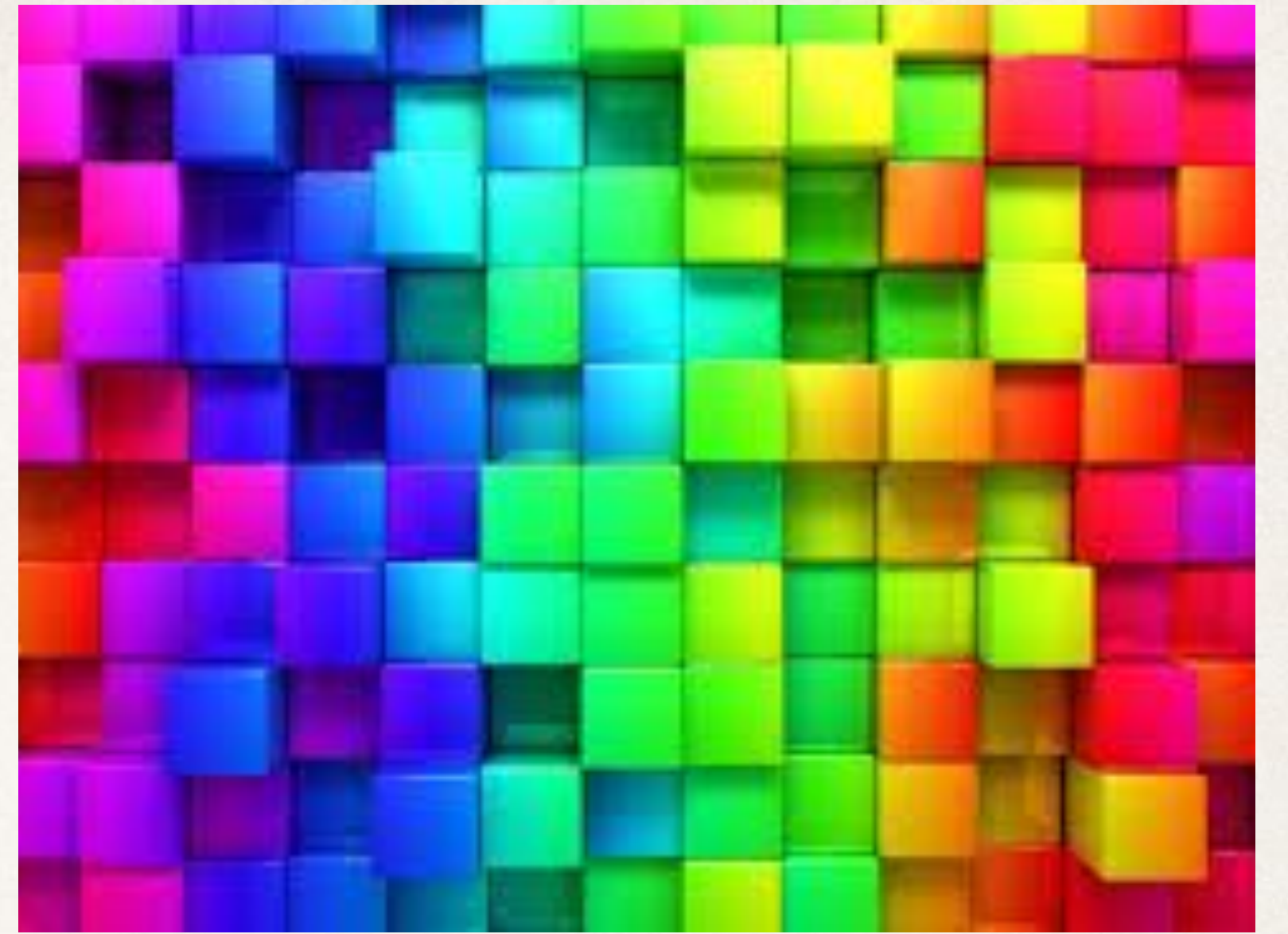




the colour



# Basic Color Theory

## The Color Wheel

A color circle, based on red, yellow and blue, is traditional in the field of art. Sir Isaac Newton developed the first circular diagram of colors in 1666. Since then, scientists and artists have studied and designed numerous variations of this concept. Differences of opinion about the validity of one format over another continue to provoke debate. In reality, any color circle or color wheel which presents a logically arranged sequence of pure hues has merit.

There are also definitions (or categories) of colors based on the color wheel. We begin with a 3-part color wheel.

### Primary Colors: Red, yellow and blue

In traditional color theory (used in paint and pigments), primary colors are the 3 pigment colors that cannot be mixed or formed by any combination of other colors. All other colors are derived from these 3 hues.

### Secondary Colors: Green, orange and purple

These are the colors formed by mixing the primary colors.

### Tertiary Colors: Yellow-orange, red-orange, red-purple, blue-purple, blue-green & yellow-green

These are the colors formed by mixing a primary and a secondary color. That's why the hue is a two word name, such as blue-green, red-violet, and yellow-orange.





[https://www.youtube.com/watch?  
v=Hbxy1W90\\_Wk](https://www.youtube.com/watch?v=Hbxy1W90_Wk)

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[https://www.youtube.com/  
watch?v=53-g1Oa0ReI](https://www.youtube.com/watch?v=53-g1Oa0ReI)



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