

The **RGB color model** is an [additive color model](#)^[1] in which the [red](#), [green](#), and [blue primary colors](#) of light are added together in various ways to reproduce a broad array of [colors](#). The name of the model comes from the initials of the three [additive primary colors](#), red, green, and blue.

The main purpose of the RGB color model is for the sensing, representation, and display of images in electronic systems, such as televisions and computers, though it has also been used in conventional [photography](#). Before the [electronic age](#), the RGB color model already had a solid theory behind it, based in [human perception of colors](#).

RGB is a *device-dependent* color model: different devices detect or reproduce a given RGB value differently, since the color elements (such as [phosphors](#) or [dyes](#)) and their response to the individual red, green, and blue levels vary from manufacturer to manufacturer, or even in the same device over time. Thus an RGB value does not define the same *color* across devices without some kind of [color management](#).

Typical RGB input devices are color [TV and video cameras](#), [image scanners](#), and [digital cameras](#). Typical RGB output devices are TV sets of various technologies (CRT, LCD, [plasma](#), [OLED](#), [quantum dots](#), etc.), [computer](#) and [mobile phone](#) displays, [video projectors](#), multicolor [LED](#) displays and large screens such as the [Jumbotron](#). [Color printers](#), on the other hand are not RGB devices, but [subtractive color](#) devices typically using the [CMYK color model](#).¹

The Trichromatic Theory of Color Vision

According to the trichromatic theory of color vision, also known as the Young–Helmholtz theory of color vision, there are three receptors in the retina that are responsible for the [perception](#) of color.¹

How Color Vision Works

One receptor is sensitive to the color green, another to the color blue, and a third to the color red. The combinations of these three colors produce all of the colors that we are capable of perceiving. Researchers suggest that people are able to distinguish between as many as seven million different colors.

Photoreceptors also tend to have different sensitivity levels. Blue receptors are the most sensitive and red the least; the ability to perceive color requires interaction between at least two types of photoreceptors. These three colors can then be combined to form any visible color in the spectrum.

Background of Trichromatic Theory

Color is a pervasive part of our visual experience. It can influence our moods, affect how we interpret things about the world, and even carry symbolic meaning. But what exactly explains our experience of color? A

¹ Unknown Wikipedia author, This page was last edited on 7 August 2022, https://en.wikipedia.org/wiki/RGB_color_model

number of theories have emerged to explain this phenomenon, and one of the earliest and best-known was the trichromatic theory.

Renowned researchers Thomas Young and Hermann von Helmholtz contributed to the trichromatic theory of color vision. The theory began when Thomas Young proposed that color vision results from the actions of three different receptors. As early as 1802, Young suggested that the eye contained different photoreceptor cells that were sensitive to different wavelengths of light in the visible spectrum.

It was later in the mid-1800s that researcher Hermann von Helmholtz expanded upon Young's original theory and suggested that the cone receptors of the eye were either short-wavelength ([blue](#)), medium-wavelength ([green](#)), or long-wavelength ([red](#)). He also proposed that it was the strength of the signals detected by the receptor cells that determined how the brain interpreted color in the environment.²

[Red](#)[\[edit\]](#)

Red is a primary color across all models of [color space](#). It is often associated with [love](#), [passion](#), and [lust](#) but also [danger](#). It is frequently used in relation to Valentine's Day.^[5] It can also be used to signify danger or warning but it is also associated with importance. For instance, it is used for stop signs^[6] and fire engines.^[7] In China, red is often used to symbolize good luck or happiness, and is used for many holidays or weddings.^[8]

[Green](#)[\[edit\]](#)

Green is a primary color in many models of [color space](#), and a secondary in all others. It is most often used to represent [nature](#), [healing](#), [health](#), [youth](#), or [fertility](#), since it is such a dominant color in nature. It can be a very relaxing color^[16] but is also used in the US to symbolize money, greed, sickness or jealousy.^[16] Saying that someone is "green" means they are inexperienced or new.^[17]

[Blue](#)[\[edit\]](#)

Blue is a primary color across all models of [color space](#). It is the color of the [ocean](#) and the [sky](#); it often symbolizes [serenity](#), [stability](#), [inspiration](#), [wisdom](#) or health.^[9] It can be a calming color, and symbolize reliability.^[10] In the Catholic Church, the Virgin Mary is most often depicted wearing blue, to symbolize being "full of grace" by divine favor.^[11] Blue is widely used for baby boys' clothes or bedrooms, although the reason blue is so strongly associated with boys is debated.^[12] Blue can also mean sadness or can also be associated with life.³

² [Kendra Cherry](#), March 14, 2021, <https://www.verywellmind.com/what-is-the-trichromatic-theory-of-color-vision-2795831>

³ Unknown Wikipedia author, This page was last edited on 26 July 2022, https://en.wikipedia.org/wiki/Color_symbolism

Red Parties and Blue Parties. The Politics of Party Colours: Use and Perception of Non-Verbal Cues of Ideology

In modern politics, ideologies and political positions are usually described both in academic and popular discourse by the language of left and right derived from the French revolutionary National Assembly. There is a second type of language, however, that is equally widespread and universally recognized to convey meaning about political ideology: that of colours. From ancient factions to contemporary parties, colours have been used by political groups in competition with each other to mark differences with the enemies, create allegiances with the group, reinforce loyalties between members. Parties have adopted one colour in their symbol, now part of their public image, they use it in the media and on campaign material, it is everywhere at their conferences, leaders wear it on their ties and dresses, voters find it on the ballot paper. Colours are a central feature of any political arena, nevertheless, very little research exists that systematically studies their role in political competition and behaviour.⁴

Parties in different countries with similar ideologies sometimes use similar colours. As an example the colour **red** symbolises **left-wing** ideologies in many countries (leading to such terms as "Red Army" and "Red Scare"), while the colour **blue** often used for **conservatism**, the colour **yellow** is most commonly associated with **liberalism** and **right-libertarianism**, and **Green politics** is named after the ideology's political colour.^{[2][3]}

The political associations of a given colour vary from country to country, and there are exceptions to the general trends.^{[2][3]} For example, red has historically been associated with **monarchy** or the Church, but over time gained association with leftist politics, while the United States differs from other countries in that conservatism is associated with red and **liberalism** with blue.^{[2][3]}⁵

redpilled

A term used by conservative internet users to **favourably** describe their own sociopolitical viewpoints; at its most basic level, it means to have been made aware of something obscure or forbidden.

It originates from 1999 film "The Matrix," ironically written and directed by two transgender women, in a scene where the protagonist is offered a choice between a literal blue pill to "wake up...and believe whatever he wants to believe" and a red pill to "stay in Wonderland, ...be shown deep **the rabbit hole** goes," and join a rebellion against the simulated reality he lives in. **The red pill** itself is believed to have been modeled after red Premarin-brand tablets, popular as estrogen-boosting medication for transgender women in the 1990s.

⁴ Luigi Marini, April 2017,

https://www.psa.ac.uk/sites/default/files/conference/papers/2017/Marini_PSA2017_Colours_0.pdf

⁵ Unknown Wikipedia author, This page was last edited on 21 August 2022,

https://en.wikipedia.org/wiki/Political_colour

Has exactly the same denotation and exactly the opposite connotation as “woke.”

*I'm **based and redpilled**, so the only **vidya** I play are **apolitical** masterpieces like Doom, Bioshock, and Dead or Alive!*⁶

Redpilled

Being conscientiously **aware** of yourself being **based**.

*"Not only **are you based**, you're **redpilled**"*⁷

Green Pilled

Falling under the **ideological** sway of the Twisted **Clown Prince of Crime**, Joker.

*I think Tyler was **green pillled** by **Joker**. He keeps **chuckling** to himself about how everyone laughs at him for different, not realizing that he laughs at them because they are all the same.*⁸

Green Pill

The Green Pill is a mixture of the red, blue and **black pill**. It takes parts of each definition and combines it to one. Being green pillled means accepting your fate and just live your life like the blue pill, while also agreeing on the **black pill's** view on dating & partnership **Dark Age** men live in. Except without giving up on yourself and rather focusing on yourself, trying to become the best version of yourself. Here comes the red-pill essence in maximizing your true potential overall. This Pill is a lonely path of solitude. But you're granted assurance instead. Very similar to a raw definition of a Sigma Male.

*Beta: "Damn i thought Monomachos was **red-pillled** like Adonis, but he must be **black pillled** because he rejects partnership and dating over solitude."*

Alpha: "No, Monomachos took the green pill he focuses on himself. He prioritizes

⁶ **Hogtrude Parker** March 23, 2021,

<https://www.urbandictionary.com/define.php?term=redpilled>

⁷ **Asderos** April 3, 2021,

<https://www.urbandictionary.com/define.php?term=redpilled>

⁸ **FHJ** October 2, 2019,

<https://www.urbandictionary.com/define.php?term=Green+Pilled>

wealth, fame, power, strength, succes over dating. He doesn't have time for that, he is the true Sigma Male who walks alone. He won't go down without first becoming the best version of himself, even if the cost is [dying alone](#). And he doesn't settle for any mere woman who wont take him for granted.”

[green pill](#)

Taking [the green pill](#) is when you become woke to the [climate change](#) disaster unfolding all around us in the world and you realize it's really bad. It usually happens when you start a bit of research into some of the weird weather that been happening lately.

I got [green pill](#)ed by reading too much articles about the weather on [r/collapse](#). When that girl went on school strike about [climate change](#), more people tasted the green pill.⁹

[Blue Pill](#)

[Taking the easy way out](#), [choosing](#) to ignore the harsh reality and live in [blissful ignorance](#).

"You [take the blue pill](#) -- the story ends, you wake up in your bed and believe whatever you want to believe." [Morpheus](#), [The Matrix](#)¹⁰

[Blue Pill](#)

[The answer](#)

If [the real world](#) is [like that](#), who would want to [wake up](#)?¹¹

RGB is the foundation for many colored display output devices such as computer monitors, televisions, and displays on mobile phones. For each pixel displayed on your computer monitor, your PC dictates the correct mix of red, green, and blue to

⁹ [GrnGuy5847539](#) May 30, 2019,

<https://www.urbandictionary.com/define.php?term=Green+Pilled>

¹⁰ [stavr0](#) January 13, 2005,

<https://www.urbandictionary.com/define.php?term=Blue%20Pill>

¹¹ [Anonymous](#) June 25, 2003,

<https://www.urbandictionary.com/define.php?term=Blue%20Pill>

show in that pixel. That's why many applications allow you to [select the color](#) in terms of the RGB mix of a hue.

However, when a computer enthusiast refers to "RGB," they're normally referring to decorative RGB lighting. This type of colored LED light is present in an array of PC hardware and peripherals such as memory sticks, cooling fans, keyboards, and headphones. These devices usually use the RGB color model to create exciting lighting effects and enhance the aesthetics of a desk setup.

RGB Computer Gear

RGB computer gear is especially popular among gamers and [PC-building](#) enthusiasts, many of whom post unique and aesthetically pleasing computer builds online. This has led many manufacturers to embrace it as a selling point. Many high-end computer components and peripherals have RGB features, with some companies charging extra for RGB-ready products. Even high-end gaming laptops often have this functionality.

Here's a list of some of the components that offer RGB color options:

- Memory Sticks
- Motherboards
- Graphics Cards
- Fans and Cooling Devices
- Solid State Drives
- Power Supply Units
- Computer Casing
- Keyboards
- Mice and Mouse Pads
- Headphones and Speakers
- Monitors

Additionally, there are many RGB strips and light fixtures, giving you the flexibility to design your own RGB layout. These are normally placed inside a PC case or stuck around or underneath a desk, adding more to a [desk layout](#).

While [RGB components](#) often offer no additional performance over their standard counterparts, RGB has become such a common part of builds that non-RGB builds are often considered more cost-effective.

The Value of RGB

The main reason why RGB has become so huge is that people like the way it looks. RGB has become strongly associated with a "[gamer aesthetic](#)" that has emerged in the last decade. That's a big reason why companies continue to create new RGB products and push them heavily in marketing.

In some ways, RGB lighting can also be a signifier of price and quality. Because many cases have transparent side panels nowadays, RGB components can often be seen through the glass. RGB lighting brings attention to the quality of these components, such as high-quality RAM, a top-end graphics card, and an expensive cooling solution.

Another thing to note is that RGB has become somewhat of a meme. Many people on the internet, such as those on Reddit and Twitter, often jokingly refer to RGB as a barometer for performance. Watch out for sarcastic comments like this, and remember that you can often save a buck by going with a non-RGB option.¹²

Gaslight, Gatekeep, Girlboss is a [parody](#) of the phrase "[Live, Laugh, Love](#)" used in a variety of [shitposts](#), that began on [Tumblr](#) in January 2021. The phrase is used to mock the stereotypical sentiments of the typical "empowered feminist," with each term holding a negative connotation in reference to female empowerment.

On January 12th, 2021, [Tumblr](#)^[1] user missnumber1111 posted, "today's agenda: gaslight gatekeep and most importantly girlboss," garnering over 43,500 notes in a month (shown below). On that day, [Twitter](#)^[2] user @CUPIDLOVE posted, "my agenda is gaslight gatekeep and #girlboss," the first instance of the phrase on Twitter.

Manipulate, Mansplain, Malewife

On February 15th, [Tumblr](#)^[10] user @relevance posted, "Manipulate, [mansplain](#), malewife" as a male-themed opposite to "gaslight, gatekeep, girlboss," garnering over 27,000 notes in four days. The post was screenshotted and reuploaded by [Twitter](#)^[11] user @nortoncampbell on the same day, garnering over 14,200 likes and 2,800 retweets in the same span of time (shown below).¹³

¹² **VANN VICENTE**, JUL 11, 2021, [HTTPS://WWW.HOWTOGEEK.COM/730577/WHAT-DOES-RGB-MEAN-AND-WHY-IS-IT-ALL-OVER-TECH/](https://www.howtogeek.com/730577/what-does-rgb-mean-and-why-is-it-all-over-tech/)

¹³ Phillip Hamilton, 2021, <https://knowyourmeme.com/memes/gaslight-gatekeep-girlboss>

Pringles is an American brand of stackable potato-based crisps. Originally sold by **Procter & Gamble** (P&G) in 1968 and marketed as "Pringle's Newfangled Potato Chips", the brand was sold in 2012 to the current owner, **Kellogg's**.

As of 2011, Pringles were sold in more than 140 countries.^[1] In 2012, Pringles were the fourth most popular snack brand after **Lay's**, **Doritos** and **Cheetos** (all manufactured by **Frito-Lay**), with 2.2% market share globally.^[2]

In 1956, Procter & Gamble assigned a task to **chemist Fredric J. Baur** (1918-2008): to develop a new kind of potato chips to address consumer complaints about broken, greasy, and stale chips, as well as air in the bags.^[3] Baur spent 2 years developing saddle-shaped chips from fried dough, and selected a tubular can as the chips' container. The saddle-shape of Pringles chips is mathematically known as a **hyperbolic paraboloid**.^[4] However, Baur could not figure out how to make the chips palatable, and was pulled off the task to work on another brand.

In the mid-1960s another P&G researcher, Alexander Liepa of **Montgomery, Ohio**, restarted Baur's work and succeeded in improving the taste.^[5] Although Baur designed the shape of the Pringles chip, Liepa's name is on the patent.^[6] **Gene Wolfe**, a mechanical engineer and author known for **science fiction** and **fantasy** novels, helped develop the machine that cooks them.^{[7][8]}

P&G began selling Pringles in Indiana^[9] in 1968.^[10] By 1975, they were available across most of the US, and by 1991 were distributed internationally.^[10]

There are several theories behind the origin of the product's name. One theory refers to Mark Pringle, who filed a US Patent 2,286,644 titled "Method and Apparatus for Processing Potatoes" on March 5, 1937.^[11] Pringle's work was cited by P&G in filing their own patent for improving the taste of dehydrated processed potatoes.^[5] Another theory suggests that two Procter advertising employees lived on Pringle Drive in **Finneytown** (north of Cincinnati, Ohio), and the name paired well with "potato chips".^{[5][12]} Another theory says that P&G chose the Pringles name from a **Cincinnati** telephone book.^[13] Another source says that the name Pringles was "chosen out of a hat" to promote a family name appeal.^[14]

The product was originally known as Pringle's Newfangled Potato Chips, but other snack manufacturers objected, saying Pringles failed to meet the definition of a **potato "chip"** since they were made from a potato-based dough rather than being sliced from potatoes like "real" potato chips. The US Food and Drug Administration weighed in on the matter, and in 1975 they ruled Pringles could only use the word "chip" in their product name within the phrase: "potato chips made from dried potatoes".^[15] Faced with such a lengthy and unpalatable appellation, Pringles eventually renamed their product potato "crisps", instead of chips.

In July 2008, in the **London High Court**, P&G lawyers successfully argued that Pringles were not crisps even though labelled "Potato Crisps" on the container (in Britain what are known as "chips" in the US are known as "crisps") as the potato content was only 42% and their shape, P&G stated, "is not found in nature". This ruling, against a United Kingdom **value added tax** (VAT) and Duties Tribunal decision to the contrary, exempted Pringles from the then 17.5% VAT for potato crisps and potato-derived snacks.^[16] In May 2009, the **Court of Appeal** reversed the earlier decision. A spokesman for P&G stated it had been paying the VAT proactively and owed no back taxes.^{[17][18]}

In April 2011, P&G agreed to the US\$2.35 billion sale of the brand to **Diamond Foods** of California, a deal which would have more than tripled the size of Diamond's snack business.^[19] However, the deal fell through in February 2012 after a year-long delay due to issues over Diamond's accounts. On May 31, 2012, **Kellogg's** officially acquired Pringles for \$2.695 billion as part of a plan to grow its international snacks business.^[20] The acquisition of Pringles makes Kellogg the second-largest snack company in the world.^[21]¹⁴

¹⁴ Unknown Wikipedia author, 7 August 2022, <https://en.wikipedia.org/wiki/Pringles>

Viral Optical Illusion Try It: Close 1 Eye, Tilt Your Phone, Look At This From Phone's Usb Hole, Then From The Volume Buttons

When it comes to optical illusions, the internet can't seem to get enough of them. For some, it's always an enjoyable task, but for others, it's a puzzle. Recently, the internet has been flooded with new and amazing optical illusions that have left netizens confused.

Close 1 Eye, Tilt Your Phone, Look At This From Phone's Usb Hole, Then From The Volume Buttons, what can you see in this image? This is widely spreading on social media sites and many are taking up this challenge. But, many reported that this particular optical illusion is very difficult and many failed to find the answer for this optical illusion. Learn more about Optical From this article below.

Close 1 Eye, Tilt Your Phone, Look At This From Phone's Usb Hole, Then From The Volume Buttons

Occasionally, what appears in some images isn't what it seems. We must focus on our minds in order to understand it. These images are referred to as optical illusions. Photos with optical illusions of all kinds are currently trending on social media. By pausing for a little moment in front of such images, internet users also attempt to answer the question. Let us show you another example of this type.

These images of optical illusions are meant to study the mind and eyes in great detail. People frequently become confused by their eyes upon viewing these images. It's difficult to figure out the solution to the mystery these images contain. People's minds are blown when their enigma is solved. These days, one of those images is spreading like wildfire on social media. Many are taking up this challenge and trying to find the answer.

Explanation To Close 1 Eye, Tilt Your Phone, Look At This From Phone's USB Hole Illusion

Pictorial difficulties can occasionally be both entertaining and challenging. Some puzzles may only take a few seconds for you to solve, while others could take you an eternity. Internet users are

having trouble taking up the challenge uploaded as a video on YouTube. This optical illusion has become more popular on the internet.¹⁵

¹⁵ V Gomala Devi, Aug 16, 2022, <https://latestnews.fresherslive.com/articles/viral-optical-illusion-try-it-close-1-eye-tilt-your-phone-look-at-this-from-phones-usb-hole-then-from-the-volume-buttons-1034014>