

# Converting Colors

Hex(54B055)

Have a look what the booklet for  
Hex(54B055) contains.

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**Color**

**Hex(54B055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54B055
RGB	84, 176, 85
RGB Percent	33%, 69%, 33%
CMY	0.6706, 0.3098, 0.6667
CMYK	0.52, 0.00, 0.52, 0.31
HSL	121°, 37%, 51%
HSV	121°, 52%, 69%
XYZ	20.8212, 33.5914, 13.9807
YIQ	138.1180, -25.6210, -47.8050

# Conversions

## Conversions Part 2

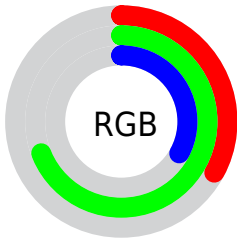
Format	Color
<a href="#">RYB</a>	<a href="#">84, 175, 176</a>
Decimal	<a href="#">5550165</a>
CIELab	<a href="#">64.64, -46.16, 38.13</a>
CIELCh	<a href="#">65, 59.874, 140.443</a>
Yxy	<a href="#">33.5914, 0.3044, 0.4912</a>
Android (android.graphics.Color)	<a href="#">4283740245 (0xFF54B055)</a>
YUV	<a href="#">138.1180, -26.1872, -47.4615</a>
Hunter-Lab	<a href="#">57.9581, -37.3012, 26.2686</a>

# Details

The Hex color **54B055** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B054AF**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8CE889**, and **127A24** is the 20% darker color. If you saturate the color by 10%, you get **42B044**, and if you desaturate by 10%, it is **66B066**.

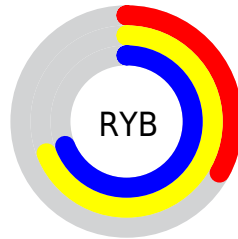
# Distribution



Red (33%)

Green (69%)

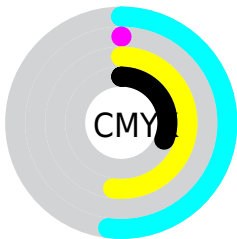
Blue (33%)



Red (33%)

Yellow (69%)

Blue (69%)

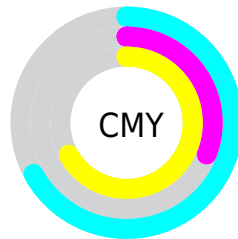


Cyan (52%)

Magenta (0%)

Yellow (52%)

Black (31%)



Cyan (67%)

Magenta (31%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54B055 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 54B055 by changing the saturation by 10% instead.



 54B055

 54B055

FFFFFF

 37953C

 8CE889

 127A24

 A8FFA3

 006108

 C5FFBF

 004800

 E2FFDB

 003100

 FFFFF8

 001900

 000000

 54B055

 54B055

 42B044

 66B066

 31B032

 77B078

 1FB021

 89B089

 0EB00F

 9AB09B

 00B002

 ACB0AC

 BEB0BD

 CFB0CF

 E1B0E0

 F2B0F2

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96A52F



54B055



00B689

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54B055



00A8FF



FE6E7B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54B055



B054AF

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F56DB0



54B055



7F96FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54B055



00B2EE



CD7FE2



ED7F4B

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54B055



00B7AF



CD7FE2



FE6B8C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54B055



C1E6C1



B0B054



5D735D



F2F2F2



737373



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54B055



55E656



54B082



505950



009902



001A00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B054AF



E655E4



B05482



595059



990097



1A0019



# Previews

## White Background



This preview shows how the Hex color 54B055 looks on a white background.

## Color Contrast Check

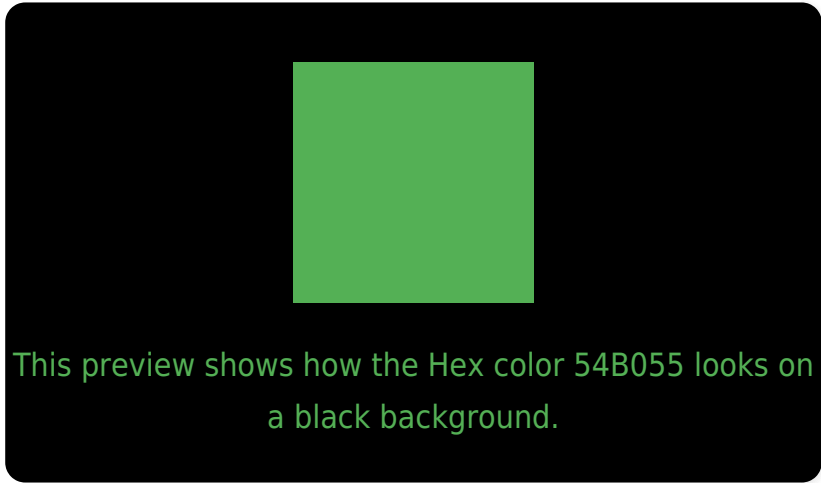
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

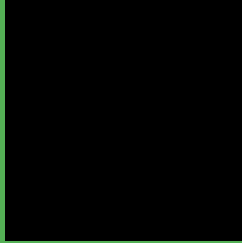
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54B055 Background



This preview shows how black text looks on a background with the Hex color 54B055.

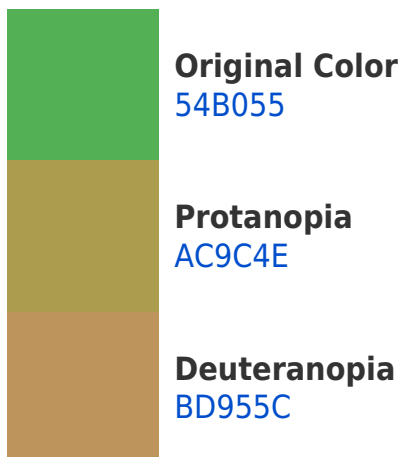


This preview shows how white text looks on a background with the Hex color 54B055.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

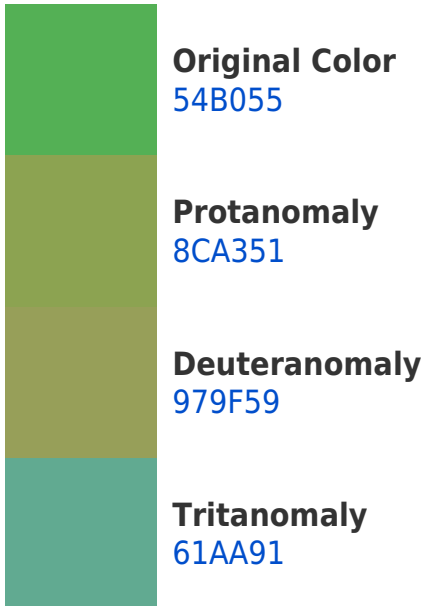
## Dichromacy



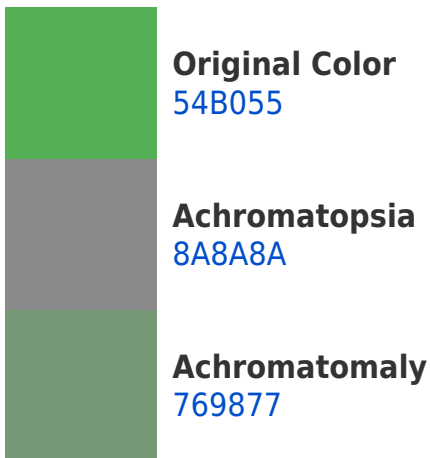


**Tritanopia**  
69A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54B055 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #54B055 looks like.

```
.text, #text, p{  
    color:#54B055  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #54B055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54B055  
}
```

## Border

The CSS property to change the border of an element to Hex 54B055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#54B055 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#54B055 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #54B055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54B055; -webkit-box-shadow:4px 4px  
4px 4px #54B055; box-shadow:4px 4px 4px  
4px #54B055 }
```

# Background

The CSS property to change the background color of an element to Hex 54B055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54B055 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#54B055 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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