

Converting Colors

Hex(57BF54)

Have a look what the booklet for
Hex(57BF54) contains.

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Color

Hex(57BF54)

Conversions

Conversions Part 1

Format	Color
Hex	57BF54
RGB	87, 191, 84
RGB Percent	34%, 75%, 33%
CMY	0.6588, 0.2510, 0.6706
CMYK	0.54, 0.00, 0.56, 0.25
HSL	118°, 46%, 54%
HSV	118°, 56%, 75%
XYZ	24.1615, 39.9279, 14.8209
YIQ	147.7060, -27.6370, -55.3250

Conversions

Conversions Part 2

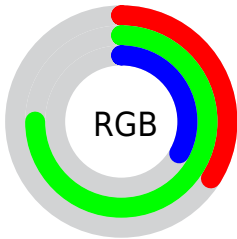
Format	Color
RYB	84, 191, 188
Decimal	5750612
CIELab	69.42, -51.44, 44.39
CIELCh	69, 67.950, 139.209
Yxy	39.9279, 0.3062, 0.5060
Android (android.graphics.Color)	4283940692 (0xFF57BF54)
YUV	147.7060, -31.4071, -53.2392
Hunter-Lab	63.1886, -42.3266, 30.3255

Details

The Hex color **57BF54** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BC54BF**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **91F888**, and **0E8820** is the 20% darker color. If you saturate the color by 10%, you get **44BF41**, and if you desaturate by 10%, it is **6ABF67**.

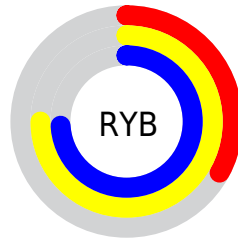
Distribution



Red (34%)

Green (75%)

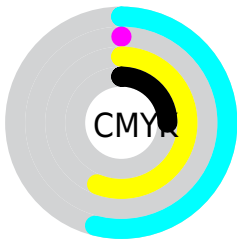
Blue (33%)



Red (33%)

Yellow (75%)

Blue (74%)

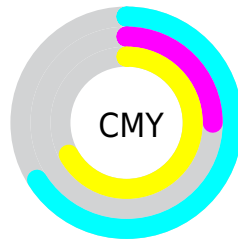


Cyan (54%)

Magenta (0%)

Yellow (56%)

Black (25%)



Cyan (66%)

Magenta (25%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57BF54 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 57BF54 by changing the saturation by 10% instead.

 57BF54

 57BF54

FFFFFF

 38A33A


 91F888

 0E8820

 AEFFA3

 006E00

 CBFFBF

 005500

 E9FFDB

 003C00

 FFFFF8

 002600

 000000

 57BF54

 57BF54

 44BF41

 6ABF67

 32BF2E

 7CBF7A

 1FBF1B

 8FBF8D

 0DBF08

 A1BFA0

 05BF00

 B4BFB4

 C6BFC7

 D9BFDA

 ECBFED

 FEBFFF

Harmonies

Analogous

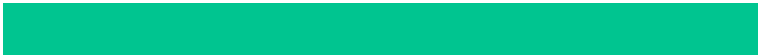
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3B225



57BF54



00C590

Triad

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



57BF54



00B7FF



FF7185

Complementary

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



57BF54



BC54BF

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.



FF71C2



57BF54



7FA2FF

Square

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



57BF54



00C3FF



DE88FB



FF864D

Rectangle

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



57BF54



00C7BB



DE88FB



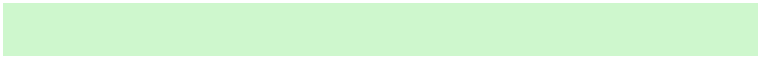
FF6E99

Sweetspot

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



57BF54



CEF7CD



BFBB54



657D64



FCFCFC



7D7D7D

Same Dimension

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



57BF54



56F752



54BF86



555E55



049E00



011F00

Inverse Universe

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



BC54BF



F352F7



BF548D



5E555E



9A009E



1E001F

Previews

White Background



This preview shows how the Hex color 57BF54 looks on a white background.

Color Contrast Check

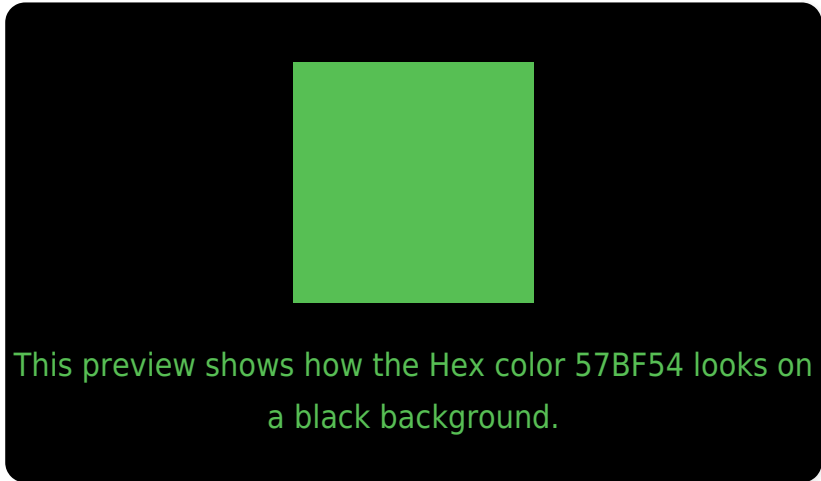
Large Text (above 18pt) WCAG AA × Fail

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 57BF54 Background



This preview shows how black text looks on a background with the Hex color 57BF54.

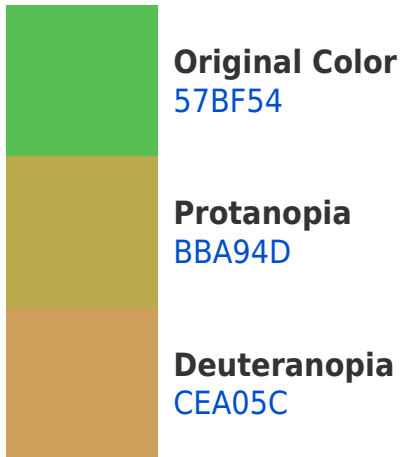


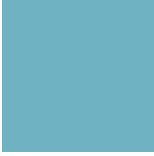
This preview shows how white text looks on a background with the Hex color 57BF54.

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
6FB3C2

Trichromacy



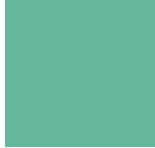
Original Color
57BF54



Protanomaly
97B150



Deuteranomaly
A3AB59



Tritanomaly
66B79A

Monochromacy



Original Color
57BF54



Achromatopsia
949494



Achromatomaly
7EA47D

CSS Examples

Text

The CSS property to change the color of the text to Hex 57BF54 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 #57BF54 looks like.

```
.text, #text, p{  
    color:#57BF54  
}
```

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 #57BF54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57BF54
}
```

Border

The CSS property to change the border of an element to Hex 57BF54 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
#57BF54 }
```

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

```
.border{ border-color:#57BF54 }
```

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

Here you see how a box with a 4 pixel #57BF54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57BF54; -webkit-box-shadow:4px 4px  
4px 4px #57BF54; box-shadow:4px 4px 4px  
4px #57BF54 }
```

Background

The CSS property to change the background color of an element to Hex 57BF54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57BF54 }
```

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

```
.background{ background-color:#57BF54 }
```

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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