

Converting Colors

Hex(57BE47)

Have a look what the booklet for
Hex(57BE47) contains.

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Color

Hex(57BE47)

Conversions

Conversions Part 1

Format	Color
Hex	57BE47
RGB	87, 190, 71
RGB Percent	34%, 75%, 28%
CMY	0.6588, 0.2549, 0.7216
CMYK	0.54, 0.00, 0.63, 0.25
HSL	112°, 48%, 51%
HSV	112°, 63%, 75%
XYZ	23.4813, 39.3081, 12.3109
YIQ	145.6370, -23.1890, -58.8450

Conversions

Conversions Part 2

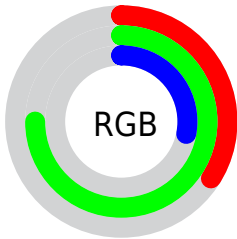
Format	Color
RYB	71, 190, 174
Decimal	5750343
CIELab	68.97, -52.53, 49.80
CIELCh	69, 72.382, 136.531
Yxy	39.3081, 0.3127, 0.5234
Android (android.graphics.Color)	4283940423 (0xFF57BE47)
YUV	145.6370, -36.7960, -51.4246
Hunter-Lab	62.6962, -42.8656, 32.2453

Details

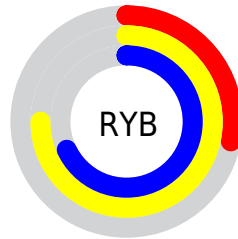
The Hex color **57BE47** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AE47BE**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **91F77C**, and **0C870C** is the 20% darker color. If you saturate the color by 10%, you get **47BE34**, and if you desaturate by 10%, it is **67BE5A**.

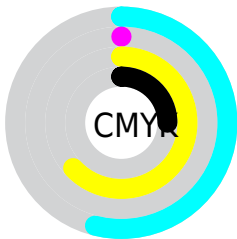
Distribution



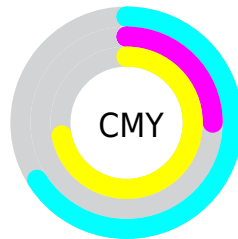
- Red (34%)
- Green (75%)
- Blue (28%)



- Red (28%)
- Yellow (75%)
- Blue (68%)



- Cyan (54%)
- Magenta (0%)
- Yellow (63%)
- Black (25%)



- Cyan (66%)
- Magenta (25%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57BE47 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 57BE47 by changing the saturation by 10% instead.

 57BE47

 57BE47

FFFFFF

 38A22C

 91F77C

 0C870C

 AEFF97

 006D00

 CBFFB2

 005400

 E9FFCF

 003C00

 FFFFEC

 002500

 000000

 57BE47

 57BE47

 47BE34

 67BE5A

 36BE21

 78BE6D

 26BE0E

 88BE80

 1ABE00

 99BE93

 A9BEA6

 BABEB9

 CABECC

 DBBEDF

 EBBEF2

Harmonies

Analogous

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



A6B00B



57BE47



00C588

Triad

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



57BE47



00B8FF



FF6887

Complementary

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



57BE47



AE47BE

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.



FF6CC9



57BE47



68A3FF

Square

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



57BE47



00C3FF



D986FF



FF7F4B

Rectangle

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



57BE47



00C7B5



D986FF



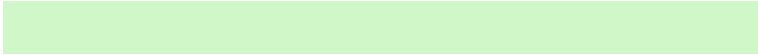
FF669D

Sweetspot

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



57BE47



CFF7C8



BEAC47



647D60



FCFCFC



7D7D7D

Same Dimension

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



57BE47



57F73E



47BE71



565E55



159E00



041F00

Inverse Universe

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



AE47BE



DE3EF7



BE4794



5D555E



89009E



1A001F

Previews

White Background



This preview shows how the Hex color 57BE47 looks on a white background.

Color Contrast Check

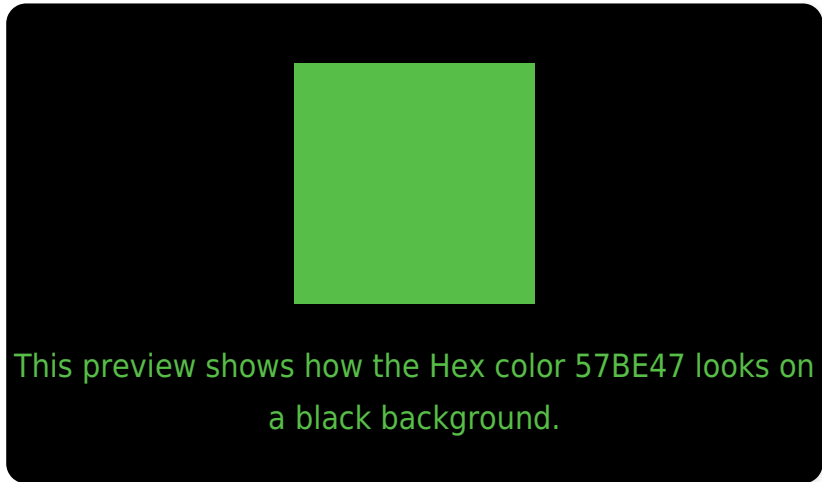
Large Text (above 18pt) WCAG AA × Fail

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

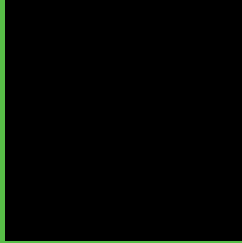
Any Text WCAG AA ✓ Pass

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 57BE47 Background



This preview shows how black text looks on a background with the Hex color 57BE47.

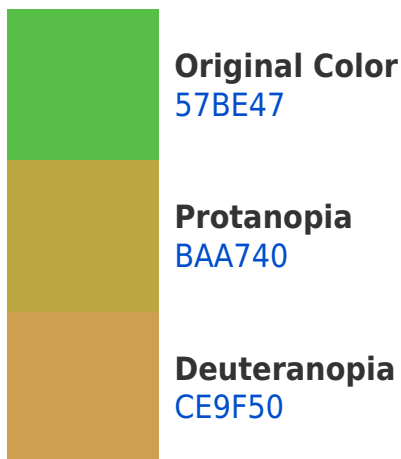


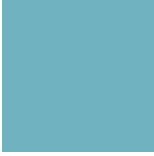
This preview shows how white text looks on a background with the Hex color 57BE47.

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](#).

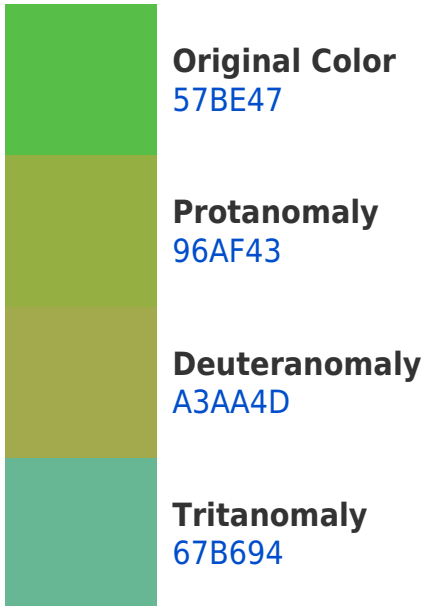
Dichromacy



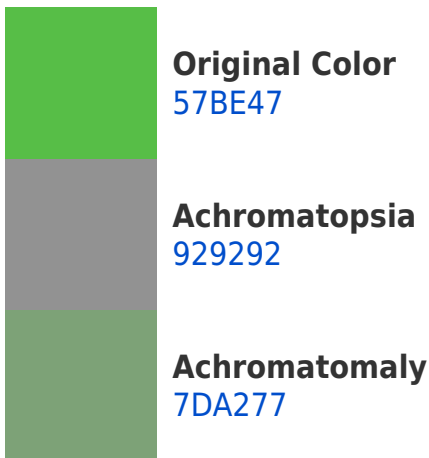


Tritanopia
70B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57BE47 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 #57BE47 looks like.

```
.text, #text, p{  
    color:#57BE47  
}
```

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 #57BE47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57BE47
}
```

Border

The CSS property to change the border of an element to Hex 57BE47 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
#57BE47 }
```

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

```
.border{ border-color:#57BE47 }
```

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

Here you see how a box with a 4 pixel #57BE47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57BE47; -webkit-box-shadow:4px 4px  
4px 4px #57BE47; box-shadow:4px 4px 4px  
4px #57BE47 }
```

Background

The CSS property to change the background color of an element to Hex 57BE47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57BE47 }
```

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

```
.background{ background-color:#57BE47 }
```

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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