

Converting Colors

Hex(57C04E)

Have a look what the booklet for
Hex(57C04E) contains.

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Color

Hex(57C04E)

Conversions

Conversions Part 1

Format	Color
Hex	57C04E
RGB	87, 192, 78
RGB Percent	34%, 75%, 31%
CMY	0.6588, 0.2471, 0.6941
CMYK	0.55, 0.00, 0.59, 0.25
HSL	115°, 48%, 53%
HSV	115°, 59%, 75%
XYZ	24.1553, 40.2756, 13.7086
YIQ	147.6090, -25.9860, -57.7140

Conversions

Conversions Part 2

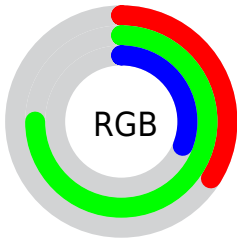
Format	Color
RYB	78, 192, 183
Decimal	5750862
CIELab	69.67, -52.54, 47.46
CIELCh	70, 70.799, 137.908
Yxy	40.2756, 0.3091, 0.5154
Android (android.graphics.Color)	4283940942 (0xFF57C04E)
YUV	147.6090, -34.3172, -53.1541
Hunter-Lab	63.4630, -43.1197, 31.6170

Details

The Hex color **57C04E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **B74EC0**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **91F983**, and **0C8918** is the 20% darker color. If you saturate the color by 10%, you get **45C03B**, and if you desaturate by 10%, it is **69C061**.

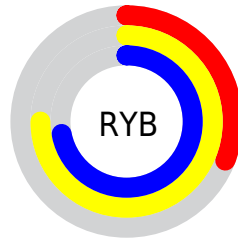
Distribution



Red (34%)

Green (75%)

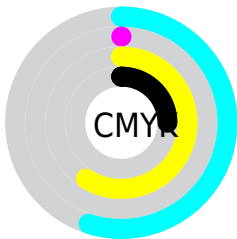
Blue (31%)



Red (31%)

Yellow (75%)

Blue (72%)

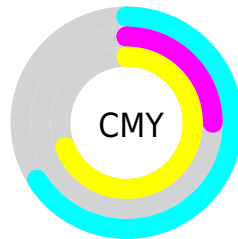


Cyan (55%)

Magenta (0%)

Yellow (59%)

Black (25%)



Cyan (66%)

Magenta (25%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57C04E 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 57C04E by changing the saturation by 10% instead.

 57C04E

 57C04E

FFFFFF

 38A43A

 91F983

 0C8918

 AEF9E

 006F00

 CBFFB9

 005600

 E9FFD6

 003D00

 FFFFF3

 002700

 000000

 57C04E

 57C04E

 45C03B

 69C061

 34C028

 7AC074

 22C014

 8CC088

 10C001

 9EC09B

 0FC000

 AFC0AE

 C1C0C1

 D3C0D4

 E4C0E8

 F6C0FB

Harmonies

Analogous

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



A6B31A



57C04E



00C78D

Triad

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



57C04E



00B9FF



FF6D87

Complementary

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



57C04E



B74EC0

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.



FF6FC7



57C04E



75A4FF

Square

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



57C04E



00C5FF



DD88FF



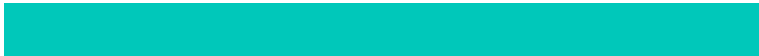
FF834C

Rectangle

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



57C04E



00C8BA



DD88FF



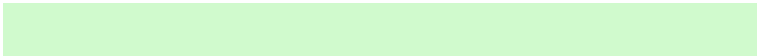
FF6A9C

Sweetspot

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



57C04E



D0FACD



C0B74E



647D61



FCFCFC



7D7D7D

Same Dimension

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



57C04E



56FA48



4EC07E



586157



0DA100



032100

Inverse Universe

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



B74EC0



EC48FA



C04E90



605761



9400A1



1F0021

Previews

White Background



This preview shows how the Hex color 57C04E looks on a white background.

Color Contrast Check

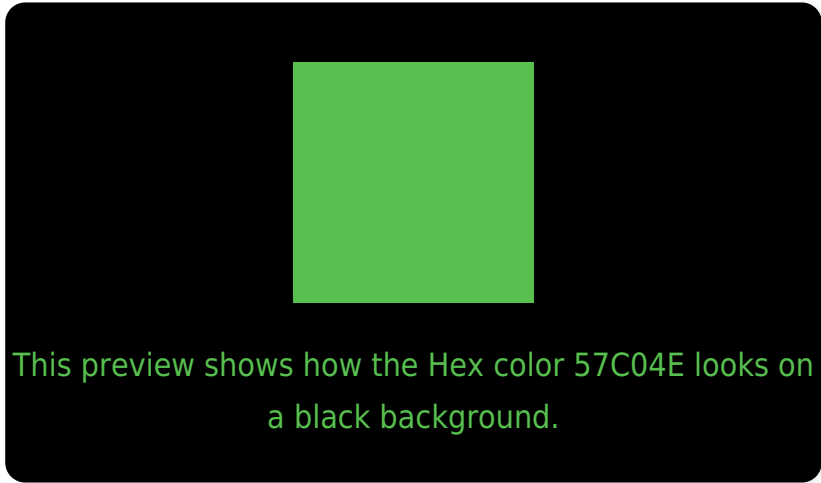
Large Text (above 18pt) WCAG AA × Fail

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

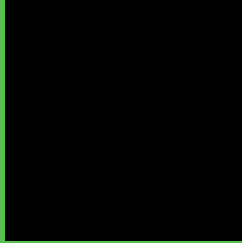
Any Text WCAG AA ✓ Pass

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 57C04E Background



This preview shows how black text looks on a background with the Hex color 57C04E.



This preview shows how white text looks on a background with the Hex color 57C04E.

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](#).

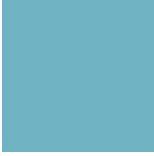
Dichromacy



Original Color
57C04E

Protanopia
BCA947

Deuteranopia
D0A157



Tritanopia
70B4C3

Trichromacy



Original Color
57C04E



Protanomaly
97B14A



Deuteranomaly
A4AC54



Tritanomaly
67B898

Monochromacy



Original Color
57C04E



Achromatopsia
949494



Achromatomaly
7EA47B

CSS Examples

Text

The CSS property to change the color of the text to Hex 57C04E 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 #57C04E looks like.

```
.text, #text, p{  
    color:#57C04E  
}
```

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 #57C04E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C04E
}
```

Border

The CSS property to change the border of an element to Hex 57C04E 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
#57C04E }
```

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

```
.border{ border-color:#57C04E }
```

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

Here you see how a box with a 4 pixel #57C04E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C04E; -webkit-box-shadow:4px 4px  
4px 4px #57C04E; box-shadow:4px 4px 4px  
4px #57C04E }
```

Background

The CSS property to change the background color of an element to Hex 57C04E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C04E }
```

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

```
.background{ background-color:#57C04E }
```

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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