

Converting Colors

Hex(55C44F)

Have a look what the booklet for
Hex(55C44F) contains.

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Color

Hex(55C44F)

Conversions

Conversions Part 1

Format	Color
Hex	55C44F
RGB	85, 196, 79
RGB Percent	33%, 77%, 31%
CMY	0.6667, 0.2314, 0.6902
CMYK	0.57, 0.00, 0.60, 0.23
HSL	117°, 50%, 54%
HSV	117°, 60%, 77%
XYZ	24.8975, 41.9757, 14.1870
YIQ	149.4730, -28.5990, -59.9190

Conversions

Conversions Part 2

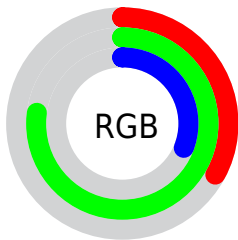
Format	Color
RYB	79, 196, 190
Decimal	5620815
CIELab	70.85, -54.45, 48.36
CIELCh	71, 72.823, 138.393
Yxy	41.9757, 0.3071, 0.5178
Android (android.graphics.Color)	4283810895 (0xFF55C44F)
YUV	149.4730, -34.7432, -56.5428
Hunter-Lab	64.7886, -44.7846, 32.3691

Details

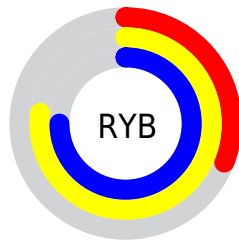
The Hex color **55C44F** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **BE4FC4**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **90FE84**, and **008D19** is the 20% darker color. If you saturate the color by 10%, you get **42C43B**, and if you desaturate by 10%, it is **68C463**.

Distribution



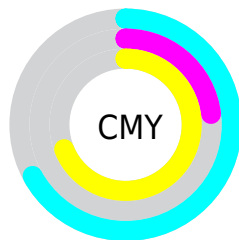
- Red (33%)
- Green (77%)
- Blue (31%)



- Red (31%)
- Yellow (77%)
- Blue (75%)



- Cyan (57%)
- Magenta (0%)
- Yellow (60%)
- Black (23%)



- Cyan (67%)
- Magenta (23%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55C44F 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 55C44F by changing the saturation by 10% instead.

 55C44F

 55C44F

FFFFFF

 35A835

 90FE84

 008D19

 ADF9F

 007300

 CBFFBB

 005900

 E8FFD7

 004000

 FFFFF4

 002A00

 000600

 000000

 55C44F

 55C44F

 42C43B

 68C463

 30C428

 7AC476

 1DC414

 8DC48A

 0BC401

 9FC49D

 0AC400

 B2C4B1

 C5C4C5

 D7C4D8

 EAC4EC

 FCC4FF

Harmonies

Analogous

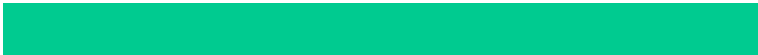
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7B716



55C44F



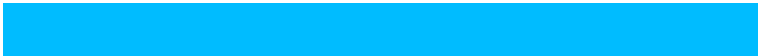
00CB90

Triad

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



55C44F



00BCFF



FF6E88

Complementary

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



55C44F



BE4FC4

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.



FF6FCA



55C44F



78A7FF

Square

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



55C44F



00C8FF



E389FF



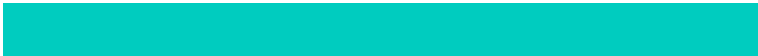
FF854B

Rectangle

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



55C44F



00CCBF



E389FF



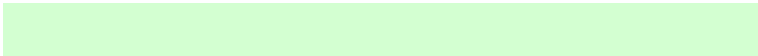
FF6B9D

Sweetspot

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



55C44F



D3FFD1



C4BC4F



658063



000000



808080

Same Dimension

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



55C44F



51FF47



4FC482



586157



08A100



022100

Inverse Universe

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



BE4FC4



F647FF



C44F91



605761



9800A1



1F0021

Previews

White Background



This preview shows how the Hex color 55C44F looks on a white background.

Color Contrast Check

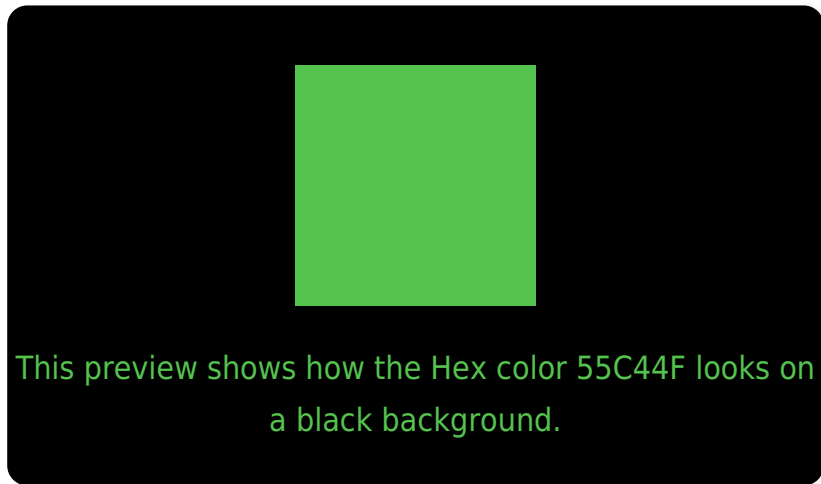
Large Text (above 18pt) WCAG AA × Fail

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

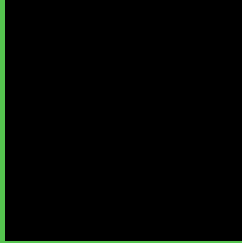
Any Text WCAG AA ✓ Pass

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 55C44F Background



This preview shows how black text looks on a background with the Hex color 55C44F.

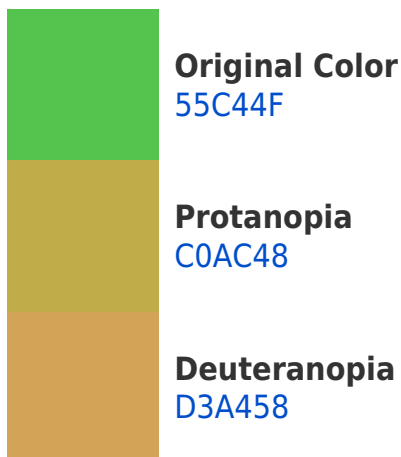


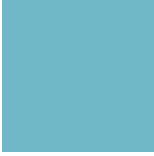
This preview shows how white text looks on a background with the Hex color 55C44F.

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
70B8C7

Trichromacy



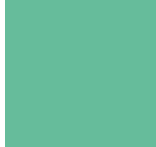
Original Color
55C44F



Protanomaly
99B54B



Deuteranomaly
A5B055



Tritanomaly
66BC9B

Monochromacy



Original Color
55C44F



Achromatopsia
959595



Achromatomaly
7EA67C

CSS Examples

Text

The CSS property to change the color of the text to Hex 55C44F 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 #55C44F looks like.

```
.text, #text, p{  
    color:#55C44F  
}
```

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 #55C44F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C44F
}
```

Border

The CSS property to change the border of an element to Hex 55C44F 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
#55C44F }
```

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

```
.border{ border-color:#55C44F }
```

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

Here you see how a box with a 4 pixel #55C44F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C44F; -webkit-box-shadow:4px 4px  
4px 4px #55C44F; box-shadow:4px 4px 4px  
4px #55C44F }
```

Background

The CSS property to change the background color of an element to Hex 55C44F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C44F }
```

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

```
.background{ background-color:#55C44F }
```

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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