

Converting Colors

Hex(58C75F)

Have a look what the booklet for
Hex(58C75F) contains.

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Color

Hex(58C75F)

Conversions

Conversions Part 1

Format	Color
Hex	58C75F
RGB	88, 199, 95
RGB Percent	35%, 78%, 37%
CMY	0.6549, 0.2196, 0.6275
CMYK	0.56, 0.00, 0.52, 0.22
HSL	124°, 50%, 56%
HSV	124°, 56%, 78%
XYZ	26.5135, 43.7478, 17.8732
YIQ	153.9550, -32.7720, -55.8760

Conversions

Conversions Part 2

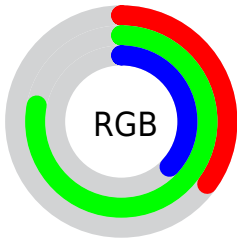
Format	Color
RYB	88, 192, 199
Decimal	5818207
CIELab	72.06, -52.87, 42.32
CIElCh	72, 67.721, 141.325
Yxy	43.7478, 0.3008, 0.4964
Android (android.graphics.Color)	4284008287 (0xFF58C75F)
YUV	153.9550, -29.0648, -57.8425
Hunter-Lab	66.1421, -44.1958, 30.2778

Details

The Hex color **58C75F** 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 **C758C0**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **92FF94**, and **0C902C** is the 20% darker color. If you saturate the color by 10%, you get **44C74C**, and if you desaturate by 10%, it is **6CC772**.

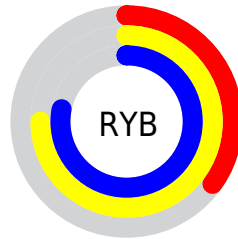
Distribution



Red (35%)

Green (78%)

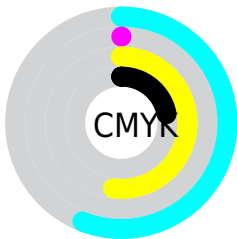
Blue (37%)



Red (35%)

Yellow (75%)

Blue (78%)

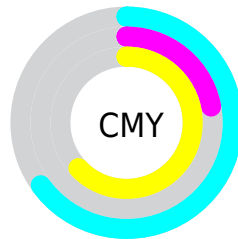


Cyan (56%)

Magenta (0%)

Yellow (52%)

Black (22%)



Cyan (65%)

Magenta (22%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58C75F 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 58C75F by changing the saturation by 10% instead.

 58C75F

 58C75F

FFFFFF

 39AB46

 92FF94

 0C902C

 B0FFAF

 007611

 CDFFCB

 005C00

 EBF7E7

 004300

 002D00

 000E00

 000000

 58C75F

 58C75F

 44C74C

 6CC772

 30C73A

 80C784

 1CC727

 94C797

 08C714

 A8C7AA

 00C70D

 BCC7BC

 CFC7CF

 E3C7E2

 F7C7F4

 FFC7FF

Harmonies

Analogous

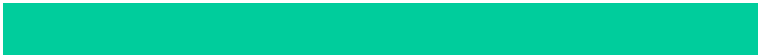
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6BB31



58C75F



00CD9C

Triad

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



58C75F



00BDFE



FF7A87

Complementary

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



58C75F



C758C0

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.



FF78C5



58C75F



91A8FF

Square

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



58C75F



00C9FF



EA8DFE



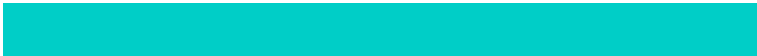
FF8F51

Rectangle

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



58C75F



00CEC7



EA8DFF



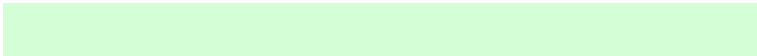
FF769C

Sweetspot

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



58C75F



D4FFD6



C1C758



668068



000000



808080

Same Dimension

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



58C75F



54FF5F



58C795



5A635A



00A30A



002402

Inverse Universe

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



C758C0



FF54F4



C7588A



635A63



A30099



240021

Previews

White Background



This preview shows how the Hex color 58C75F looks on a white background.

Color Contrast Check

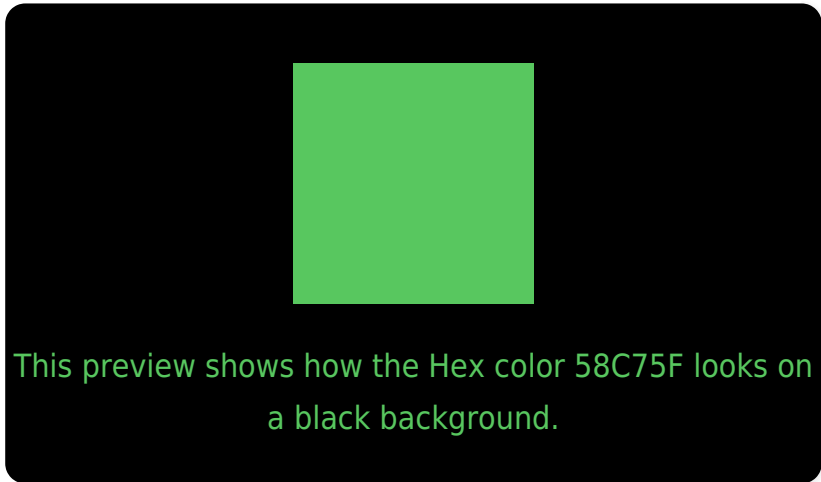
Large Text (above 18pt) WCAG AA × Fail

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

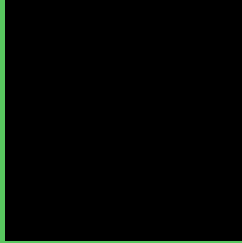
Any Text WCAG AA ✓ Pass

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 58C75F Background



This preview shows how black text looks on a background with the Hex color 58C75F.

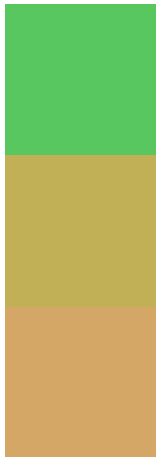


This preview shows how white text looks on a background with the Hex color 58C75F.

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](#).

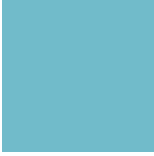
Dichromacy



Original Color
58C75F

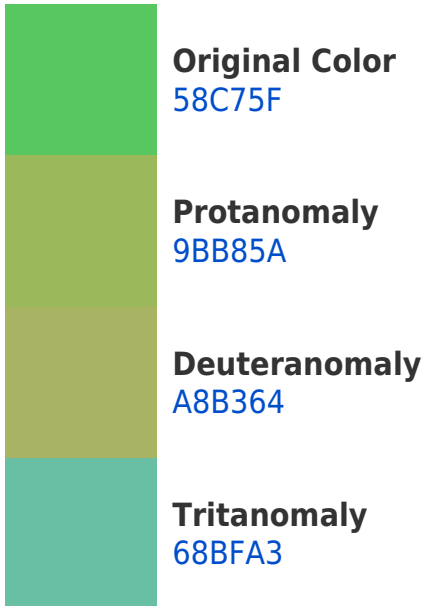
Protanopia
C2B057

Deuteranopia
D5A767

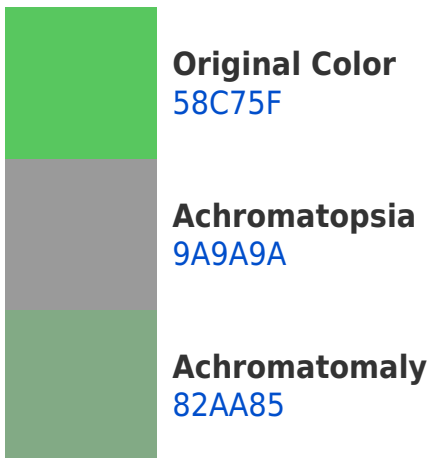


Tritanopia
71BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58C75F 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 #58C75F looks like.

```
.text, #text, p{  
    color:#58C75F  
}
```

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 #58C75F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58C75F
}
```

Border

The CSS property to change the border of an element to Hex 58C75F 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
#58C75F }
```

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

```
.border{ border-color:#58C75F }
```

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

Here you see how a box with a 4 pixel #58C75F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58C75F; -webkit-box-shadow:4px 4px  
4px 4px #58C75F; box-shadow:4px 4px 4px  
4px #58C75F }
```

Background

The CSS property to change the background color of an element to Hex 58C75F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58C75F }
```

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

```
.background{ background-color:#58C75F }
```

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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