

Converting Colors

Hex(85CF5C)

Have a look what the booklet for
Hex(85CF5C) contains.

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Color

Hex(85CF5C)

Conversions

Conversions Part 1

Format	Color
Hex	85CF5C
RGB	133, 207, 92
RGB Percent	52%, 81%, 36%
CMY	0.4784, 0.1882, 0.6392
CMYK	0.36, 0.00, 0.56, 0.19
HSL	99°, 55%, 59%
HSV	99°, 56%, 81%
XYZ	33.9175, 50.3849, 18.0628
YIQ	171.7640, -7.1890, -51.4530

Conversions

Conversions Part 2

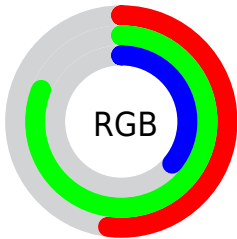
Format	Color
RYB	92, 207, 166
Decimal	8769372
CIELab	76.30, -43.22, 49.25
CIELCh	76, 65.525, 131.266
Yxy	50.3849, 0.3313, 0.4922
Android (android.graphics.Color)	4286959452 (0xFF85CF5C)
YUV	171.7640, -39.3237, -33.9960
Hunter-Lab	70.9823, -38.9265, 34.6001

Details

The Hex color **85CF5C** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A65CCF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BEFF91**, and **4E9827** is the 20% darker color. If you saturate the color by 10%, you get **78CF47**, and if you desaturate by 10%, it is **92CF71**.

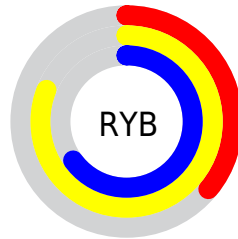
Distribution



Red (52%)

Green (81%)

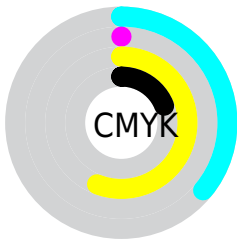
Blue (36%)



Red (36%)

Yellow (81%)

Blue (65%)

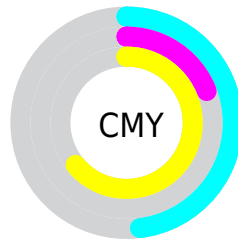


Cyan (36%)

Magenta (0%)

Yellow (56%)

Black (19%)



Cyan (48%)

Magenta (19%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85CF5C 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 85CF5C by changing the saturation by 10% instead.



85CF5C



85CF5C

FFFFFF



69B342



BEFF91



4E9827



DBFFAD



317E05



F8FFC9



0C6400



FFFFE5



004B00



003400



001E00



000000



85CF5C



85CF5C

 78CF47

 92CF71

 6ACF33

 A0CF85

 5DCF1E

 ADCF9A

 50CF09

 BACFAF

 4ACF00

 C8CFC3

 D5CFD8

 E2CFED

 F0CFFF

 FDCFFF

Harmonies

Analogous

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



C8C03B



85CF5C



00D793

Triad

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



85CF5C



00CDFE



FF85A8

Complementary

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



85CF5C



A65CCF

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.



FF8CE5



85CF5C



74BBFF

Square

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



85CF5C



00D7FF



DDA3FF



FF946F

Rectangle

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



85CF5C



00DABD



DDA3FF



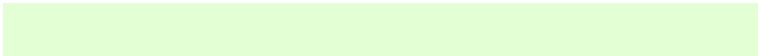
FF85BC

Sweetspot

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



85CF5C



E3FFD4



CFA55C



6F8066



000000



808080

Same Dimension

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



85CF5C



91FF54



5CCF6B



62695E



3CA800



0F2900

Inverse Universe

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



A65CCF



C254FF



CF5CC0



655E69



6C00A8



1A0029

Previews

White Background



This preview shows how the Hex color 85CF5C looks on a white background.

Color Contrast Check

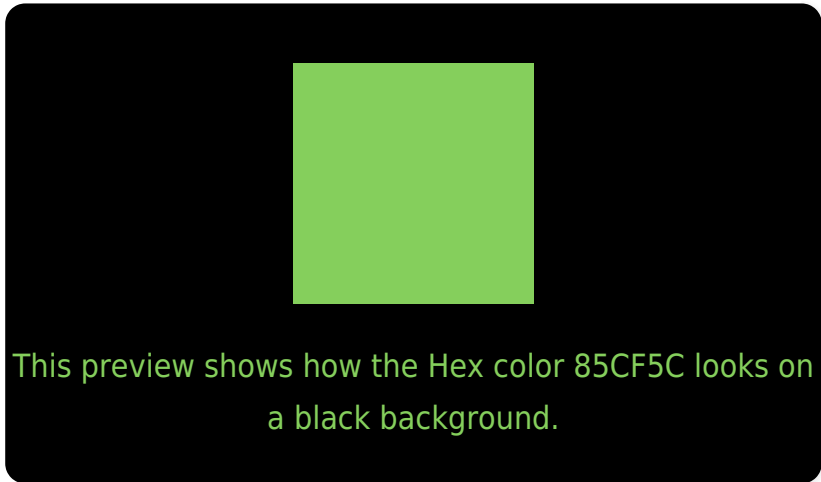
Large Text (above 18pt) WCAG AA × Fail

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 85CF5C Background



This preview shows how black text looks on a background with the Hex color 85CF5C.



This preview shows how white text looks on a background with the Hex color 85CF5C.

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
85CF5C

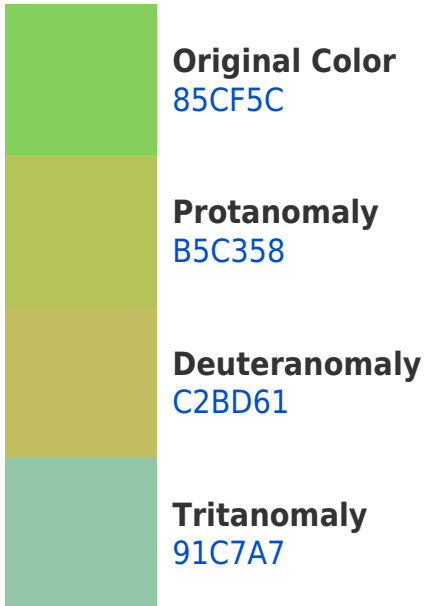
Protanopia
D0BC56

Deuteranopia
E5B264

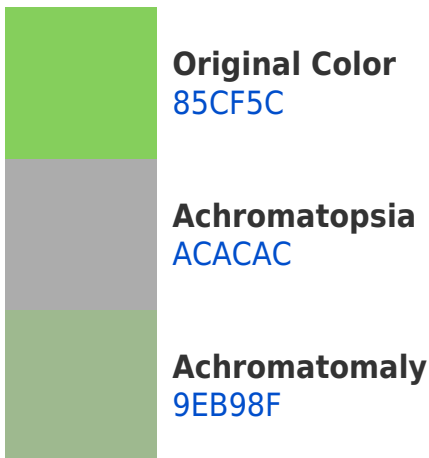


Tritanopia
98C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85CF5C 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 #85CF5C looks like.

```
.text, #text, p{  
    color:#85CF5C  
}
```

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 #85CF5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CF5C
}
```

Border

The CSS property to change the border of an element to Hex 85CF5C 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
#85CF5C }
```

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

```
.border{ border-color:#85CF5C }
```

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

Here you see how a box with a 4 pixel #85CF5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CF5C; -webkit-box-shadow:4px 4px  
4px 4px #85CF5C; box-shadow:4px 4px 4px  
4px #85CF5C }
```

Background

The CSS property to change the background color of an element to Hex 85CF5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CF5C }
```

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

```
.background{ background-color:#85CF5C }
```

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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