

Converting Colors

Hex(8FCA58)

Have a look what the booklet for
Hex(8FCA58) contains.

Hex(8FCA58)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8FCA58)

Conversions

Conversions Part 1

Format	Color
Hex	8FCA58
RGB	143, 202, 88
RGB Percent	56%, 79%, 35%
CMY	0.4392, 0.2078, 0.6549
CMYK	0.29, 0.00, 0.56, 0.21
HSL	91°, 52%, 57%
HSV	91°, 56%, 79%
XYZ	34.2097, 48.7853, 16.8460
YIQ	171.3630, 1.4300, -47.9620

Conversions

Conversions Part 2

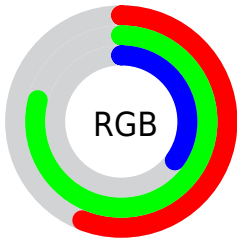
Format	Color
RYB	88, 202, 147
Decimal	9423448
CIELab	75.32, -37.95, 50.08
CIELCh	75, 62.829, 127.154
Yxy	48.7853, 0.3426, 0.4886
Android (android.graphics.Color)	4287613528 (0xFF8FCA58)
YUV	171.3630, -41.0980, -24.8744
Hunter-Lab	69.8465, -34.8049, 34.5926

Details

The Hex color **8FCA58** 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 **9358CA**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C7FF8D**, and **589423** is the 20% darker color. If you saturate the color by 10%, you get **85CA44**, and if you desaturate by 10%, it is **99CA6C**.

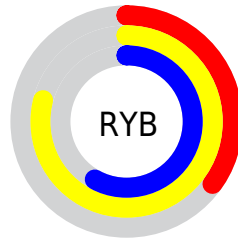
Distribution



Red (56%)

Green (79%)

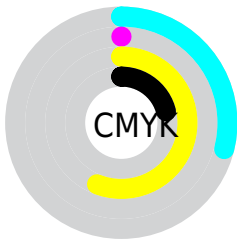
Blue (35%)



Red (35%)

Yellow (79%)

Blue (58%)

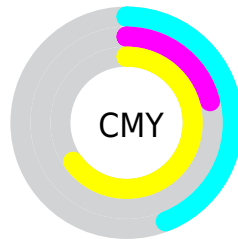


Cyan (29%)

Magenta (0%)

Yellow (56%)

Black (21%)



Cyan (44%)

Magenta (21%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FCA58 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 8FCA58 by changing the saturation by 10% instead.



8FCA58



8FCA58

FFFFFF



74AE3E



C7FF8D



589423



E4FFA9



3D7900



FFFFC5



206000



FFFFE1



004800

FFFFFFE



003100



001B00



000000



8FCA58



8FCA58

85CA44

99CA6C

7ACA30

A4CA80

70CA1B

AECA95

65CA07

B9CAA9

61CA00

C3CABD

CECAD1

D8CAE5

E3CAFA

EDCAFF

Harmonies

Analogous

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



CCBB3E



8FCA58



29D38A

Triad

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



8FCA58



00CCFF



FF85AE

Complementary

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



8FCA58



9358CA

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.



FF8EE8



8FCA58



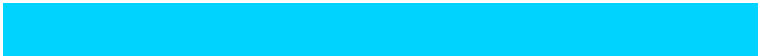
63BBFF

Square

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



8FCA58



00D4FE



CFA4FF



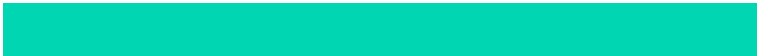
FF9177

Rectangle

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



8FCA58



00D6B2



CFA4FF



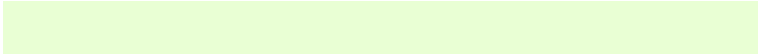
FF86C1

Sweetspot

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



8FCA58



E9FFD4



CA9358



728066



000000



808080

Same Dimension

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



8FCA58



A5FF52



58CA5A



61665C



50A600



122600

Inverse Universe

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



9358CA



AB52FF



CA58C8



615C66



5600A6



140026

Previews

White Background



This preview shows how the Hex color 8FCA58 looks on a white background.

Color Contrast Check

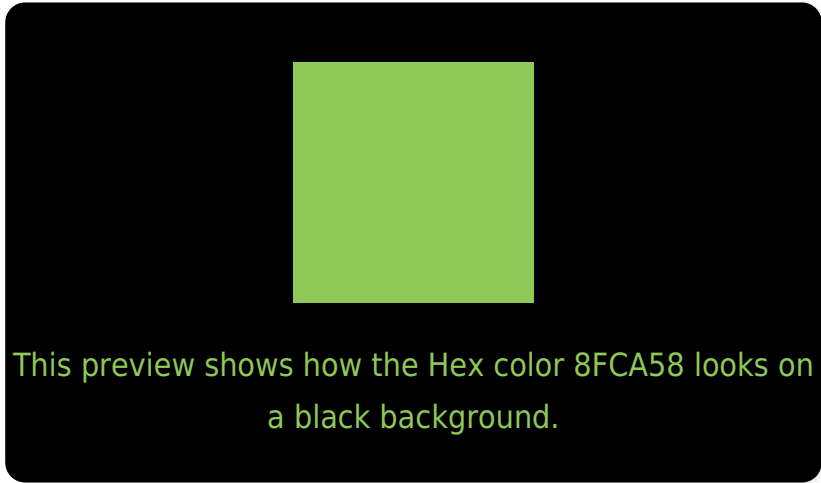
Large Text (above 18pt) WCAG AA × Fail

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 8FCA58 Background



This preview shows how black text looks on a background with the Hex color 8FCA58.

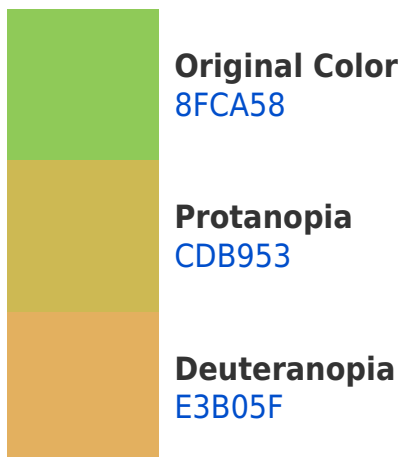


This preview shows how white text looks on a background with the Hex color 8FCA58.

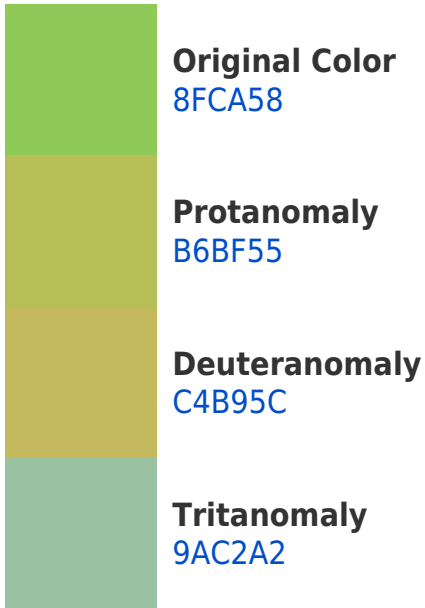
Color Blindness Simulation

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](#).

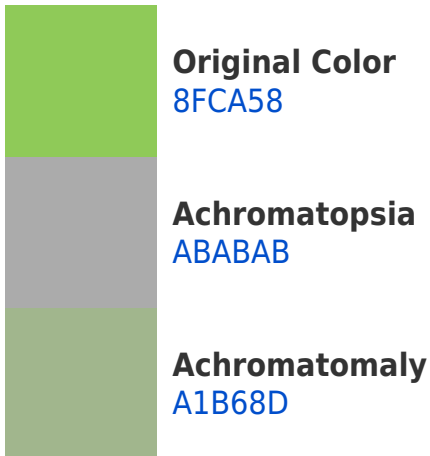
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8FCA58 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 #8FCA58 looks like.

```
.text, #text, p{  
    color:#8FCA58  
}
```

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 #8FCA58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FCA58  
}
```

Border

The CSS property to change the border of an element to Hex 8FCA58 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  
#8FCA58 }
```

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

```
.border{ border-color:#8FCA58 }
```

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

Here you see how a box with a 4 pixel #8FCA58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FCA58; -webkit-box-shadow:4px 4px  
4px 4px #8FCA58; box-shadow:4px 4px 4px  
4px #8FCA58 }
```

Background

The CSS property to change the background color of an element to Hex 8FCA58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FCA58 }
```

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

```
.background{ background-color:#8FCA58 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor