

Converting Colors

Hex(8CAF0F)

Have a look what the booklet for
Hex(8CAF0F) contains.

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Color

Hex(8CAF0F)

Conversions

Conversions Part 1

Format	Color
Hex	8CAF0F
RGB	140, 175, 15
RGB Percent	55%, 69%, 6%
CMY	0.4510, 0.3137, 0.9412
CMYK	0.20, 0.00, 0.91, 0.31
HSL	73°, 84%, 37%
HSV	73°, 91%, 69%
XYZ	26.2314, 36.2699, 6.0702
YIQ	146.2950, 30.5000, -57.1800

Conversions

Conversions Part 2

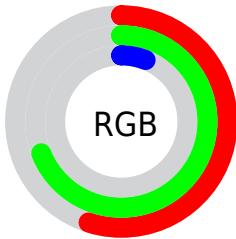
Format	Color
RYB	15, 175, 50
Decimal	9219855
CIELab	66.73, -31.04, 66.23
CIELCh	67, 73.141, 115.113
Yxy	36.2699, 0.3825, 0.5289
Android (android.graphics.Color)	4287409935 (0xFF8CAF0F)
YUV	146.2950, -64.7284, -5.5207
Hunter-Lab	60.2245, -27.6453, 36.1811

Details

The Hex color **8CAF0F** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **320FAF**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C5E752**, and **547A00** is the 20% darker color. If you saturate the color by 10%, you get **89AF00**, and if you desaturate by 10%, it is **90AF21**.

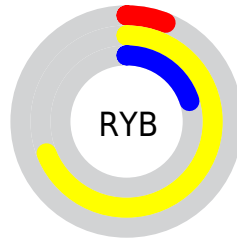
Distribution



Red (55%)

Green (69%)

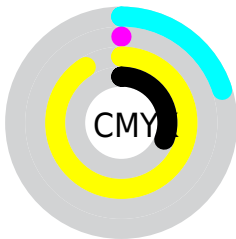
Blue (6%)



Red (6%)

Yellow (69%)

Blue (20%)

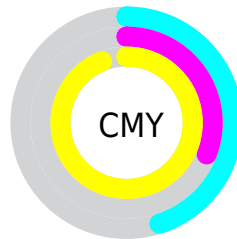


Cyan (20%)

Magenta (0%)

Yellow (91%)

Black (31%)



Cyan (45%)

Magenta (31%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CAF0F 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 8CAF0F by changing the saturation by 10% instead.



8CAF0F



8CAF0F

FFFFFF



709400



C5E752



547A00



E3FF6E



3A6100



FFFF8A



1C4900



FFFA6



003200



FFFC2



001F00



FFFD



000000



FFFFD



8CAF0F



8CAF0F

■ 89AF00

■ 90AF21

■ 94AF32

■ 97AF44

■ 9BAF55

■ 9FAF66

■ A3AF78

■ A7AF8A

■ ABAF9B

■ AEA FAC

Harmonies

Analogous

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



CB9C00



8CAF0F



22BA52

Triad

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



8CAF0F



00BBFF



FF5FB0

Complementary

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



8CAF0F



320FAF

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.



E777EF



8CAF0F



00ADFF

Square

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



8CAF0F



00C0D8



8B95FF



FF656F

Rectangle

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



8CAF0F



00BF7E



8B95FF



FF65C6

Sweetspot

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



8CAF0F



D6E3A6



AF320F



6B734E



F2F2F2



737373

Same Dimension

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



8CAF0F



B1E300



3CAF0F



55574E



769600



121700

Inverse Universe

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



320FAF



3200E3



820FAF



504E57



210096



050017

Previews

White Background



This preview shows how the Hex color 8CAF0F looks on a white background.

Color Contrast Check

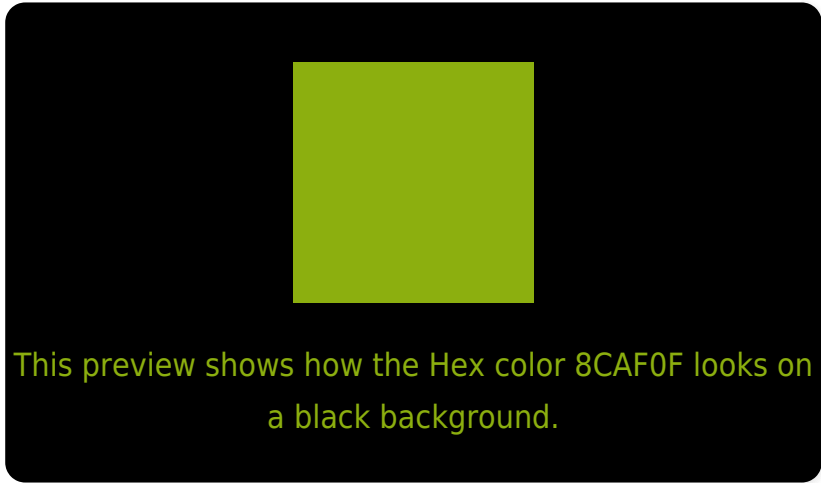
Large Text (above 18pt) WCAG AA × Fail

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 8CAF0F Background



This preview shows how black text looks on a background with the Hex color 8CAF0F.



This preview shows how white text looks on a background with the Hex color 8CAF0F.

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
8CAF0F

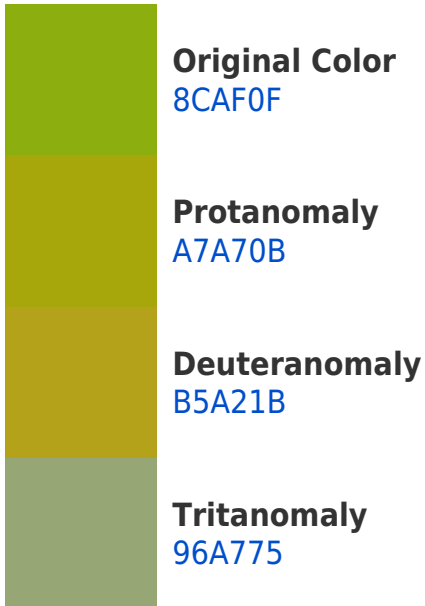
Protanopia
B7A208

Deuteranopia
CC9A22



Tritanopia
9BA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CAF0F 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 #8CAF0F looks like.

```
.text, #text, p{  
    color:#8CAF0F  
}
```

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 #8CAF0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CAF0F
}
```

Border

The CSS property to change the border of an element to Hex 8CAF0F 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
#8CAF0F }
```

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

```
.border{ border-color:#8CAF0F }
```

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

Here you see how a box with a 4 pixel #8CAF0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CAF0F; -webkit-box-shadow:4px 4px  
4px 4px #8CAF0F; box-shadow:4px 4px 4px  
4px #8CAF0F }
```

Background

The CSS property to change the background color of an element to Hex 8CAF0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CAF0F }
```

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

```
.background{ background-color:#8CAF0F }
```

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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