

# Converting Colors

Hex(8CBC4F)

Have a look what the booklet for  
Hex(8CBC4F) contains.

<b>Hex(8CBC4F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8CBC4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CBC4F
RGB	140, 188, 79
RGB Percent	55%, 74%, 31%
CMY	0.4510, 0.2627, 0.6902
CMYK	0.26, 0.00, 0.58, 0.26
HSL	86°, 45%, 52%
HSV	86°, 58%, 74%
XYZ	30.2097, 42.1064, 13.9323
YIQ	161.2220, 6.3810, -44.0750

# Conversions

## Conversions Part 2

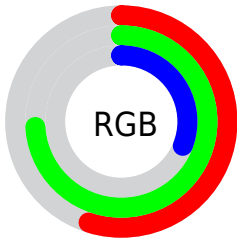
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 188, 127
Decimal	9223247
CIELab	70.94, -33.54, 49.12
CIElCh	71, 59.478, 124.322
Yxy	42.1064, 0.3503, 0.4882
Android (android.graphics.Color)	4287413327 (0xFF8CBC4F)
YUV	161.2220, -40.5354, -18.6117
Hunter-Lab	64.8894, -30.4546, 32.6926

# Details

The Hex color **8CBC4F** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7F4FBC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C4F484**, and **568619** is the 20% darker color. If you saturate the color by 10%, you get **84BC3C**, and if you desaturate by 10%, it is **94BC62**.

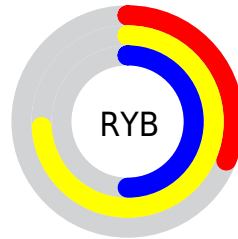
# Distribution



Red (55%)

Green (74%)

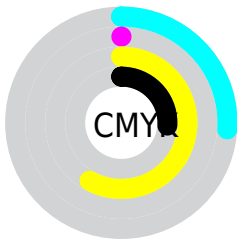
Blue (31%)



Red (31%)

Yellow (74%)

Blue (50%)

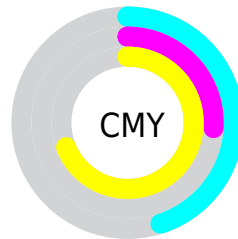


Cyan (26%)

Magenta (0%)

Yellow (58%)

Black (26%)



Cyan (45%)

Magenta (26%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CBC4F 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 8CBC4F by changing the saturation by 10% instead.





8CBC4F



8CBC4F

FFFFFF



71A135



C4F484



568619



E1FF9F



3C6D00



FEFFBA



215400



FFFFD7



003D00



FFFFF4



002700



000600



000000



8CBC4F



8CBC4F

 84BC3C

 94BC62

 7BBC29

 9DBC75

 73BC17

 A5BC87

 6BBC04

 ADBC9A

 69BC00

 B5BCAD

 BEBCC0

 C6BCD3

 CEBCE5

 D7BCF8

# Harmonies

## Analogous

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



C4AD3A



8CBC4F



38C57C

# Triad

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



8CBC4F



00C0FF



FF7DA8

# Complementary

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



8CBC4F



7F4FBC

# 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.



F687DE



8CBC4F



4EB1FF

# Square

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



8CBC4F



00C7E9



BB9CFF



FF8674

# Rectangle

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



8CBC4F



00C8A1



BB9CFF



FF7EBA

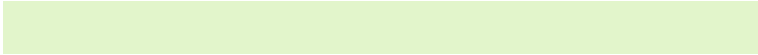


# Sweetspot

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



8CBC4F



E2F5CB



BC7E4F



707A62



FAFAFA



7A7A7A



# Same Dimension

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



8CBC4F



A9F549



56BC4F



5A5E55



589E00



111F00



# Inverse Universe

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



7F4FBC



9549F5



B54FBC



59555E



46009E



0D001F



# Previews

## White Background



This preview shows how the Hex color 8CBC4F looks on a white background.

## Color Contrast Check

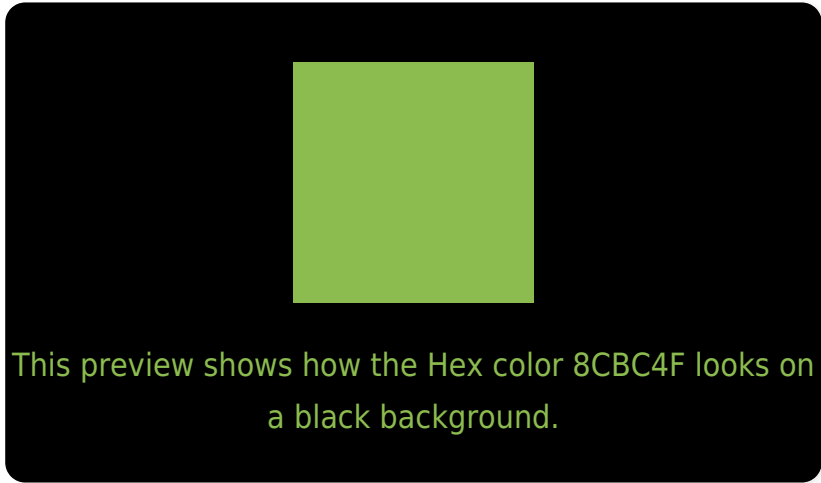
Large Text (above 18pt) WCAG AA × Fail

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 8CBC4F Background



This preview shows how black text looks on a background with the Hex color 8CBC4F.



This preview shows how white text looks on a background with the Hex color 8CBC4F.

# 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**  
8CBC4F

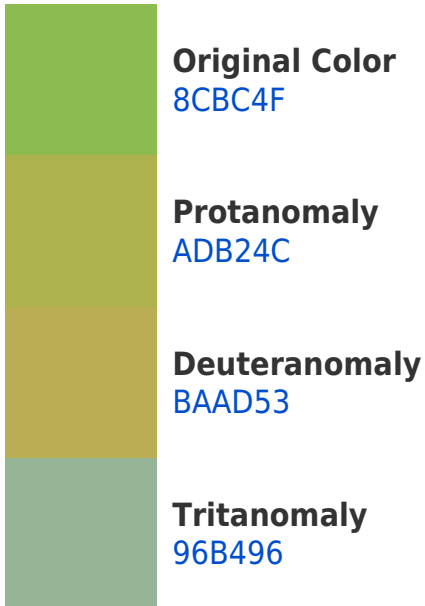
**Protanopia**  
C0AD4B

**Deuteranopia**  
D5A556

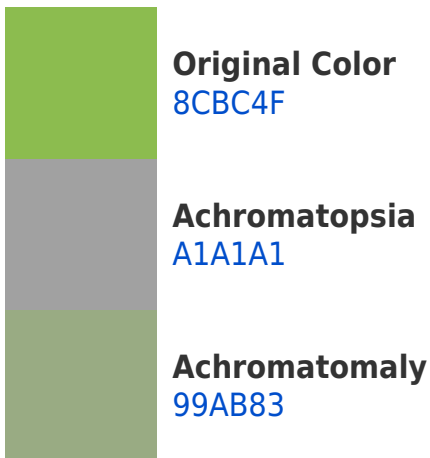


**Tritanopia**  
9BB0BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CBC4F 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 #8CBC4F looks like.

```
.text, #text, p{  
    color:#8CBC4F  
}
```

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 #8CBC4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CBC4F
}
```

## Border

The CSS property to change the border of an element to Hex 8CBC4F 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
#8CBC4F }
```

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

```
.border{ border-color:#8CBC4F }
```

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

Here you see how a box with a 4 pixel #8CBC4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CBC4F; -webkit-box-shadow:4px 4px  
4px 4px #8CBC4F; box-shadow:4px 4px 4px  
4px #8CBC4F }
```

# Background

The CSS property to change the background color of an element to Hex 8CBC4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CBC4F }
```

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

```
.background{ background-color:#8CBC4F }
```

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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