

# Converting Colors

Hex(89BC6D)

Have a look what the booklet for  
Hex(89BC6D) contains.

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# **Color**

**Hex(89BC6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89BC6D
RGB	137, 188, 109
RGB Percent	54%, 74%, 43%
CMY	0.4627, 0.2627, 0.5725
CMYK	0.27, 0.00, 0.42, 0.26
HSL	99°, 37%, 58%
HSV	99°, 42%, 74%
XYZ	31.0601, 42.3889, 21.0128
YIQ	163.7450, -5.0370, -35.3810

# Conversions

## Conversions Part 2

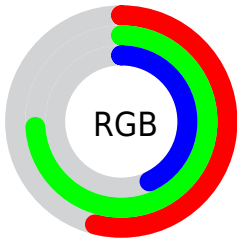
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 188, 160</a>
Decimal	<a href="#">9026669</a>
CIELab	<a href="#">71.14, -31.20, 34.66</a>
CIELCh	<a href="#">71, 46.635, 131.992</a>
Yxy	<a href="#">42.3889, 0.3288, 0.4487</a>
Android (android.graphics.Color)	<a href="#">4287216749 (0xFF89BC6D)</a>
YUV	<a href="#">163.7450, -26.9893, -23.4554</a>
Hunter-Lab	<a href="#">65.1068, -28.7810, 26.4392</a>

# Details

The Hex color **89BC6D** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A06DBC**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C0F4A2**, and **55863C** is the 20% darker color. If you saturate the color by 10%, you get **7DBC5A**, and if you desaturate by 10%, it is **95BC80**.

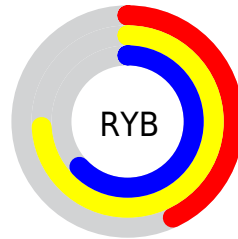
# Distribution



Red (54%)

Green (74%)

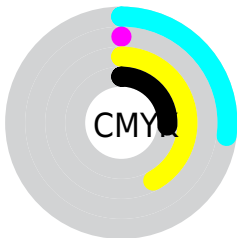
Blue (43%)



Red (43%)

Yellow (74%)

Blue (63%)

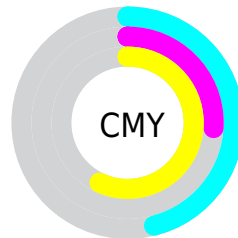


Cyan (27%)

Magenta (0%)

Yellow (42%)

Black (26%)



Cyan (46%)

Magenta (26%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89BC6D 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 89BC6D by changing the saturation by 10% instead.



 89BC6D

 89BC6D

FFFFFF

 6EA154


 C0F4A2

 55863C

 DCFFBD

 3B6D24

 F9FFD9

 21540A

 FFFFF6

 063C00

 002700

 000800

 000000

 89BC6D

 89BC6D

 7DBC5A

 95BC80

 71BC47

 A1BC93

 65BC35

 ADBCA5

 58BC22

 BABCB8

 4CBC0F

 C6BCCB

 43BC00

 D2BCDE

 DEBCF1

 EABCFF

 F6BCFF

# Harmonies

## Analogous

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



B8B159



89BC6D



4DC292

# Triad

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



89BC6D



18BAFE



FF8C9F

# Complementary

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



89BC6D



A06DBC

# 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.



F08FC9



89BC6D



88ADFF

# Square

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



89BC6D



00C2E6



C89DEE



F89477

# Rectangle

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



89BC6D



00C4B0



C89DEE



FD8BAD



# Sweetspot

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



89BC6D



E0F5D5



BC9F6D



6E7A67



FAFAFA



7A7A7A



# Same Dimension

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



89BC6D



A6F57A



6DBC78



585E55



389E00



0B1F00



# Inverse Universe

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



A06DBC



C97AF5



BC6DB1



5B555E



66009E



14001F



# Previews

## White Background



This preview shows how the Hex color 89BC6D looks on a white background.

## Color Contrast Check

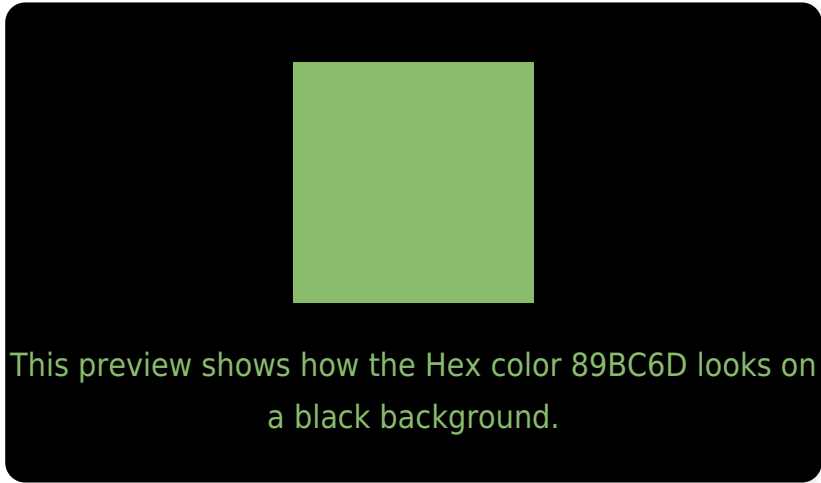
Large Text (above 18pt) WCAG AA × Fail

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 89BC6D Background



This preview shows how black text looks on a background with the Hex color 89BC6D.

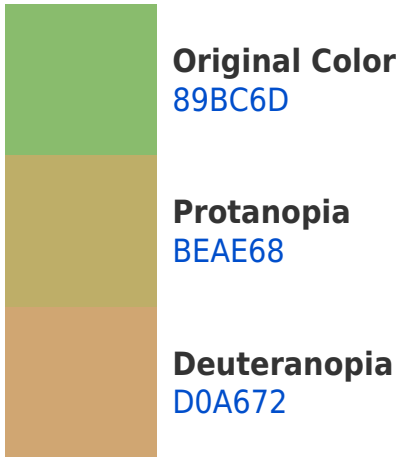


This preview shows how white text looks on a background with the Hex color 89BC6D.

# 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](#).

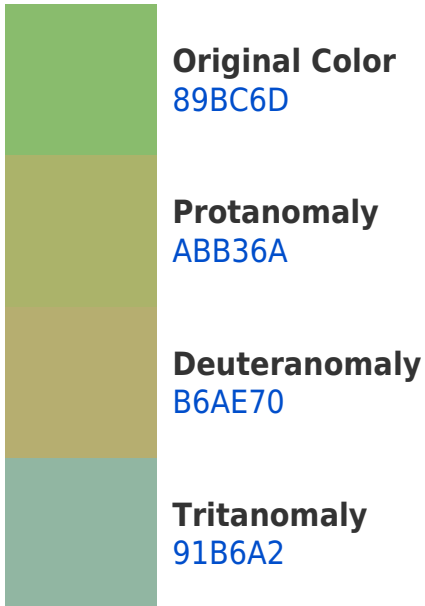
## Dichromacy



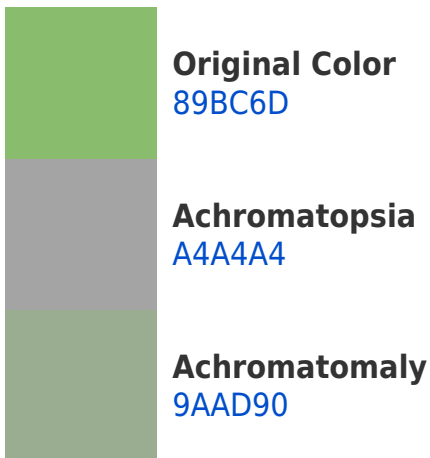


**Tritanopia**  
96B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89BC6D 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 #89BC6D looks like.

```
.text, #text, p{  
    color:#89BC6D  
}
```

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 #89BC6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89BC6D
}
```

## Border

The CSS property to change the border of an element to Hex 89BC6D 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
#89BC6D }
```

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

```
.border{ border-color:#89BC6D }
```

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

Here you see how a box with a 4 pixel #89BC6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89BC6D; -webkit-box-shadow:4px 4px  
4px 4px #89BC6D; box-shadow:4px 4px 4px  
4px #89BC6D }
```

# Background

The CSS property to change the background color of an element to Hex 89BC6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89BC6D }
```

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

```
.background{ background-color:#89BC6D }
```

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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