

# Converting Colors

Hex(B89F5E)

Have a look what the booklet for  
Hex(B89F5E) contains.

<b>Hex(B89F5E)</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(B89F5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B89F5E
RGB	184, 159, 94
RGB Percent	72%, 62%, 37%
CMY	0.2784, 0.3765, 0.6314
CMYK	0.00, 0.14, 0.49, 0.28
HSL	43°, 39%, 55%
HSV	43°, 49%, 72%
XYZ	34.1857, 35.7948, 15.6970
YIQ	159.0650, 35.7650, -14.9150

# Conversions

## Conversions Part 2

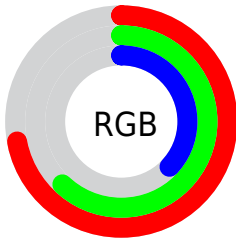
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">129, 184, 94</a>
Decimal	<a href="#">12099422</a>
CIELab	<a href="#">66.36, 0.57, 37.14</a>
CIELCh	<a href="#">66, 37.140, 89.122</a>
Yxy	<a href="#">35.7948, 0.3990, 0.4178</a>
Android (android.graphics.Color)	<a href="#">4290289502</a> ( <a href="#">0xFFB89F5E</a> )
YUV	<a href="#">159.0650, -32.0770, 21.8680</a>
Hunter-Lab	<a href="#">59.8287, -2.7067, 26.3245</a>

# Details

The Hex color **B89F5E** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5E77B8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F2D692**, and **816C2D** is the 20% darker color. If you saturate the color by 10%, you get **B89A4C**, and if you desaturate by 10%, it is **B8A470**.

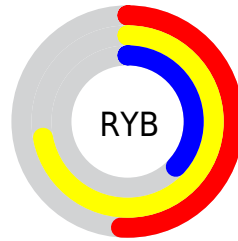
# Distribution



Red (72%)

Green (62%)

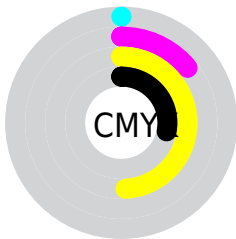
Blue (37%)



Red (51%)

Yellow (72%)

Blue (37%)

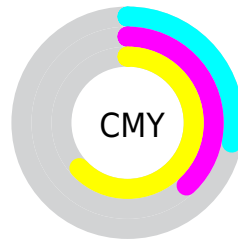


Cyan (0%)

Magenta (14%)

Yellow (49%)

Black (28%)



Cyan (28%)

Magenta (38%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B89F5E 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 B89F5E by changing the saturation by 10% instead.





B89F5E



B89F5E

FFFFFF



9C8545



F2D692



816C2D



FFF2AD



665415



FFFFC8



4D3D00



FFFFE4



342700



1C1300



000000



B89F5E



B89F5E



B89A4C



B8A470

 B89539

 B8A983

 B89027

 B8AE95

 B88B14

 B8B3A8

 B88502

 B8B9BA

 B88500

 B8BECC

 B8C3DF

 B8C8F1

 B8CDFE

# Harmonies

## Analogous

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



D39369



B89F5E



96A966

# Triad

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



B89F5E



00B2C1



CA8DC4

# Complementary

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



B89F5E



5E77B8

# 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.



A499DC



B89F5E



2EAEDA

# Square

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



B89F5E



3FB39F



6EA5E4



DF87A4

# Rectangle

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



B89F5E



7CAE75



6EA5E4



BF91CD



# Sweetspot

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



B89F5E



F0E6CC



B85E77



787262



F7F7F7



787878



# Same Dimension

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



B89F5E



F0C862



A4B85E



5C5953



9C7000



1C1400



# Inverse Universe

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



5E77B8



628AF0



725EB8



53555C



002B9C



00081C



# Previews

## White Background



This preview shows how the Hex color B89F5E looks on a white background.

## Color Contrast Check

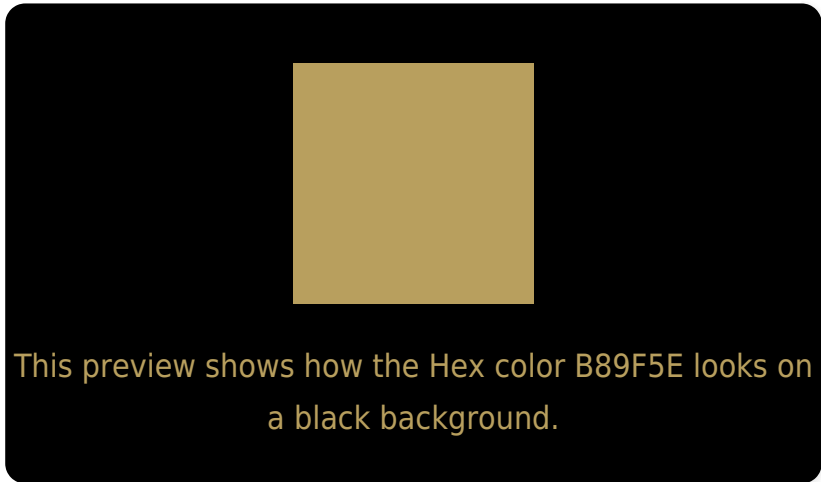
Large Text (above 18pt) WCAG AA × Fail

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

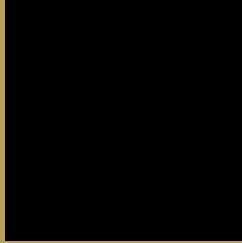
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B89F5E Background



This preview shows how black text looks on a background with the Hex color B89F5E.

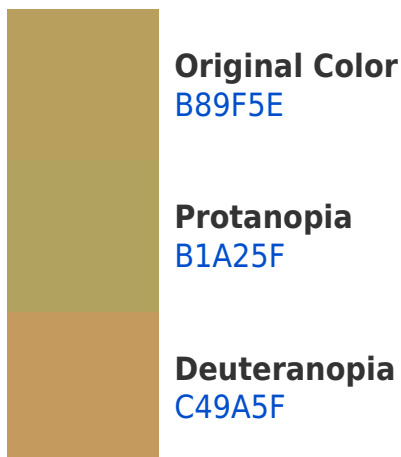


This preview shows how white text looks on a background with the Hex color B89F5E.

# 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](#).

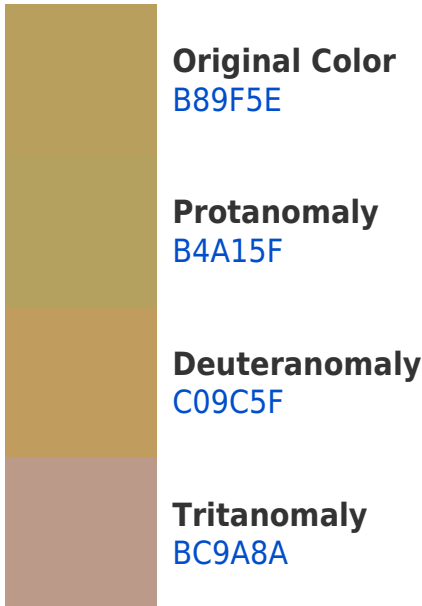
## Dichromacy



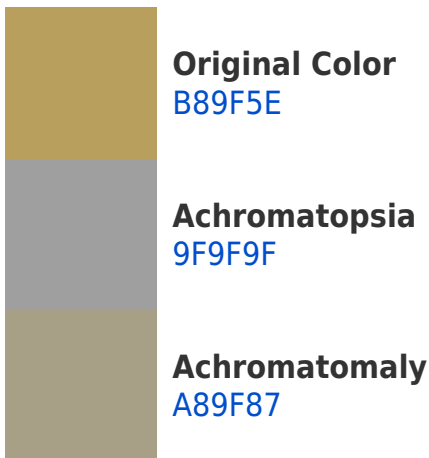


**Tritanopia**  
BF97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B89F5E 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 #B89F5E looks like.

```
.text, #text, p{  
    color:#B89F5E  
}
```

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 #B89F5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89F5E
}
```

## Border

The CSS property to change the border of an element to Hex B89F5E 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
#B89F5E }
```

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

```
.border{ border-color:#B89F5E }
```

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

Here you see how a box with a 4 pixel #B89F5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89F5E; -webkit-box-shadow:4px 4px  
4px 4px #B89F5E; box-shadow:4px 4px 4px  
4px #B89F5E }
```

# Background

The CSS property to change the background color of an element to Hex B89F5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89F5E }
```

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

```
.background{ background-color:#B89F5E }
```

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