

# Converting Colors

Hex(B89663)

Have a look what the booklet for  
Hex(B89663) contains.

<b>Hex(B89663)</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(B89663)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B89663
RGB	184, 150, 99
RGB Percent	72%, 59%, 39%
CMY	0.2784, 0.4118, 0.6118
CMYK	0.00, 0.18, 0.46, 0.28
HSL	36°, 37%, 55%
HSV	36°, 46%, 72%
XYZ	32.9256, 32.9039, 16.4201
YIQ	154.3520, 36.6350, -8.6530

# Conversions

## Conversions Part 2

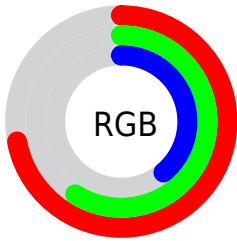
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 184, 99</a>
Decimal	<a href="#">12097123</a>
CIELab	<a href="#">64.08, 5.97, 31.62</a>
CIELCh	<a href="#">64, 32.178, 79.304</a>
Yxy	<a href="#">32.9039, 0.4003, 0.4000</a>
Android (android.graphics.Color)	<a href="#">4290287203 (0xFFB89663)</a>
YUV	<a href="#">154.3520, -27.2885, 26.0013</a>
Hunter-Lab	<a href="#">57.3619, 2.0753, 23.1813</a>

# Details

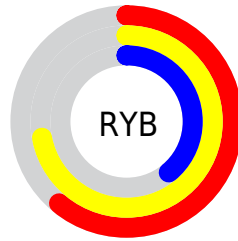
The Hex color **B89663** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6385B8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F2CC96**, and **816333** is the 20% darker color. If you saturate the color by 10%, you get **B88F51**, and if you desaturate by 10%, it is **B89D75**.

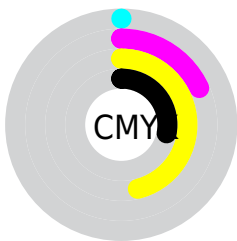
# Distribution



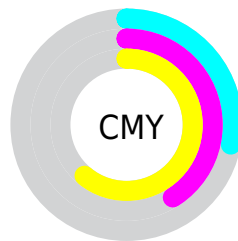
- Red (72%)
- Green (59%)
- Blue (39%)



- Red (61%)
- Yellow (72%)
- Blue (39%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (28%)



- Cyan (28%)
- Magenta (41%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B89663 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 B89663 by changing the saturation by 10% instead.



 B89663

 B89663

FFFFFF

 9C7C4B

 F2CC96

 816333

 FFE8B1

 664C1C

 FFFFCD

 4D3504

 FFFF E9

 342000

 1C0A00

 000000

 B89663

 B89663

 B88F51

 B89D75

 B8873E

 B8A588

 B8802C

 B8AC9A

 B87919

 B8B3AD

 B87107

 B8BBBF

 B86E00

 B8C2D1

 B8CAE4

 B8D1F6

 B8D8FF

# Harmonies

## Analogous

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



CC8C71



B89663



9C9F64

# Triad

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



B89663



38ABAD



B68DC1

# Complementary

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



B89663



6385B8

# 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.



9098D1



B89663



3AA8C6

# Square

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



B89663



58AA90



63A1D3



CD86A7

# Rectangle

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



B89663



86A46E



63A1D3



AA91C8

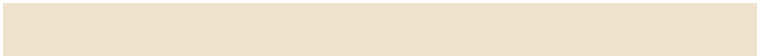


# Sweetspot

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



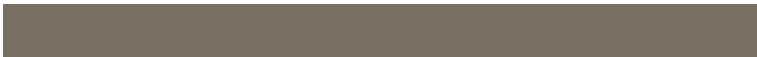
B89663



F0E2CE



B86385



787063



F7F7F7



787878



# Same Dimension

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



B89663



F0BB6C



B0B863



5C5853



9C5D00



1C1100



# Inverse Universe

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



6385B8



6CA1F0



6B63B8



53565C



003E9C

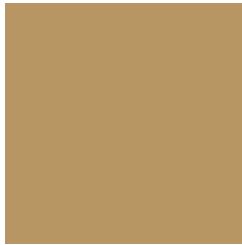


000B1C



# Previews

## White Background



This preview shows how the Hex color B89663 looks on a white background.

## Color Contrast Check

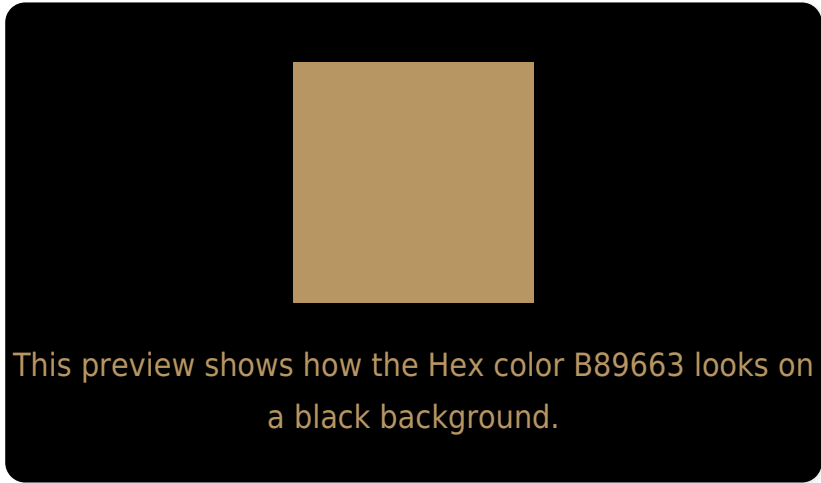
Large Text (above 18pt) WCAG AA × Fail

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

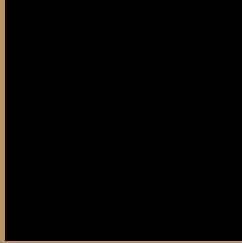
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B89663 Background



This preview shows how black text looks on a background with the Hex color B89663.



This preview shows how white text looks on a background with the Hex color B89663.

# 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**  
B89663

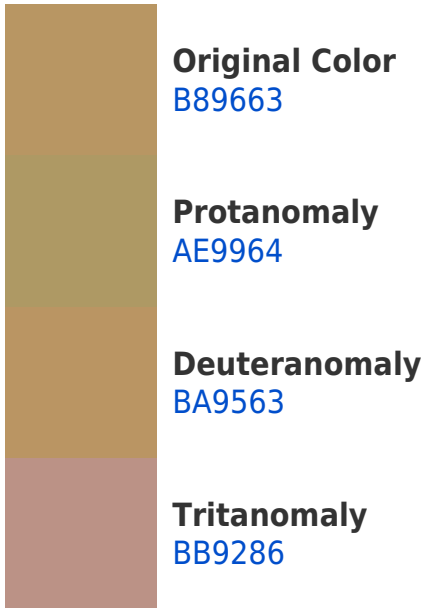
**Protanopia**  
A99B65

**Deuteranopia**  
BB9563

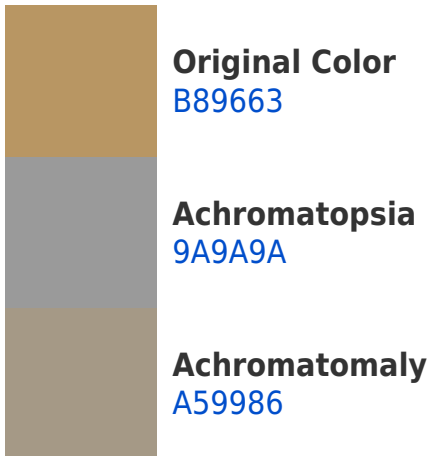


**Tritanopia**  
BD8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B89663 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 #B89663 looks like.

```
.text, #text, p{  
    color:#B89663  
}
```

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 #B89663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89663
}
```

## Border

The CSS property to change the border of an element to Hex B89663 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
#B89663 }
```

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

```
.border{ border-color:#B89663 }
```

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

Here you see how a box with a 4 pixel #B89663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89663; -webkit-box-shadow:4px 4px  
4px 4px #B89663; box-shadow:4px 4px 4px  
4px #B89663 }
```

# Background

The CSS property to change the background color of an element to Hex B89663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89663 }
```

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

```
.background{ background-color:#B89663 }
```

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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