

# Converting Colors

Hex(B89644)

Have a look what the booklet for  
Hex(B89644) contains.

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**Color**

**Hex(B89644)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B89644
RGB	184, 150, 68
RGB Percent	72%, 59%, 27%
CMY	0.2784, 0.4118, 0.7333
CMYK	0.00, 0.18, 0.63, 0.28
HSL	42°, 46%, 49%
HSV	42°, 63%, 72%
XYZ	31.7169, 32.4204, 10.0549
YIQ	150.8180, 46.5860, -18.2940

# Conversions

## Conversions Part 2

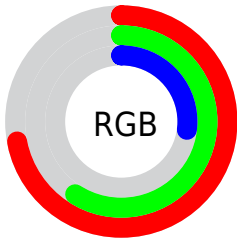
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 184, 68
Decimal	12097092
CIELab	63.69, 3.32, 46.99
CIELCh	64, 47.111, 85.959
Yxy	32.4204, 0.4275, 0.4370
Android (android.graphics.Color)	4290287172 (0xFFB89644)
YUV	150.8180, -40.8293, 29.1006
Hunter-Lab	56.9389, -0.2126, 29.3871

# Details

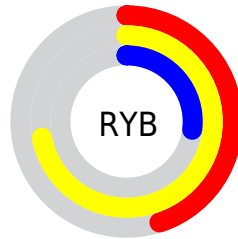
The Hex color **B89644** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4466B8**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F3CC77**, and **80640F** is the 20% darker color. If you saturate the color by 10%, you get **B89132**, and if you desaturate by 10%, it is **B89B56**.

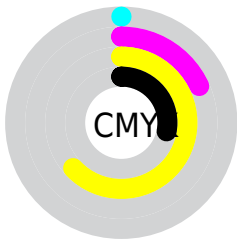
# Distribution



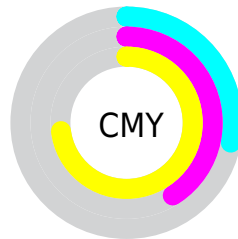
- Red (72%)
- Green (59%)
- Blue (27%)



- Red (45%)
- Yellow (72%)
- Blue (27%)



- Cyan (0%)
- Magenta (18%)
- Yellow (63%)
- Black (28%)



- Cyan (28%)
- Magenta (41%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B89644 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 B89644 by changing the saturation by 10% instead.





B89644



B89644

FFFFFF



9C7C2B



F3CC77



80640F



FFE892



654C00



FFFFAD



4A3500



FFFFC9



302000



FFFFE5



180A00



000000



B89644



B89644



B89132



B89B56

 B88B1F

 B8A169

 B8860D

 B8A67B

 B88200

 B8AC8E

 B8B1A0

 B8B6B2

 B8BCC5

 B8C1D7

 B8C7EA

# Harmonies

## Analogous

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



D88756



B89644



8FA34C

# Triad

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



B89644



00AFBE



C981CA

# Complementary

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



B89644



4466B8

# 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.



9492E6



B89644



00AADF

# Square

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



B89644



00AF93



3DA0EE



E477A2

# Rectangle

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



B89644



6EA95E



3DA0EE



BA86D5

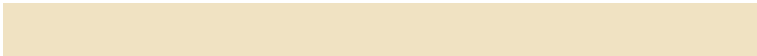


# Sweetspot

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



B89644



F0E2C2



B84467



78705C



F7F7F7



787878



# Same Dimension

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



B89644



F0BA3A



A1B844



5C5953



9C6E00



1C1400



# Inverse Universe

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



4466B8



3A6FF0



5B44B8



53555C



002E9C

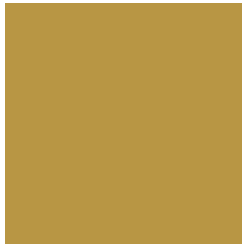


00081C



# Previews

## White Background



This preview shows how the Hex color B89644 looks on a white background.

## Color Contrast Check

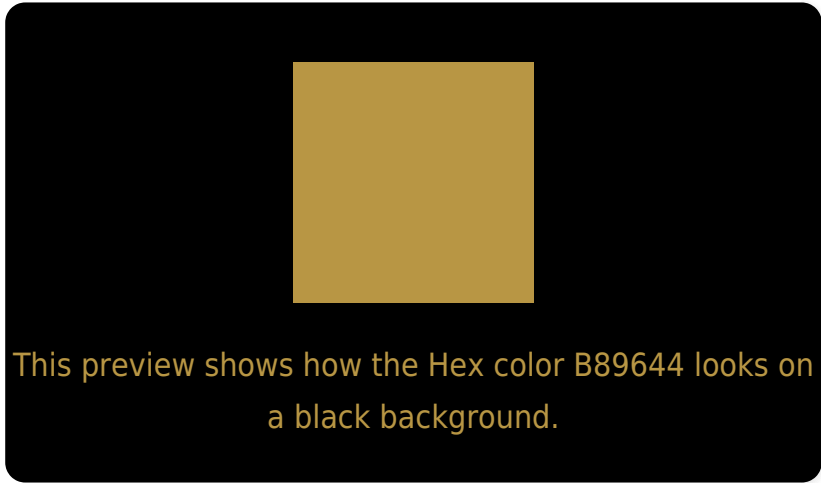
Large Text (above 18pt) WCAG AA × Fail

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 B89644 Background



This preview shows how black text looks on a background with the Hex color B89644.

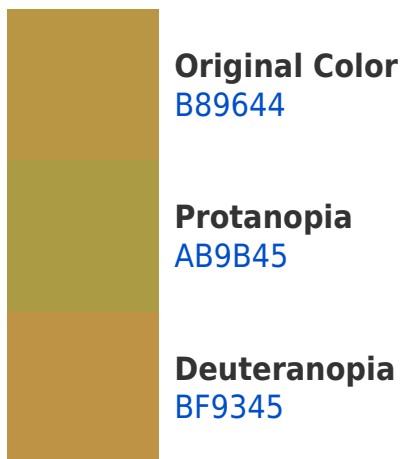


This preview shows how white text looks on a background with the Hex color B89644.

# 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](#).

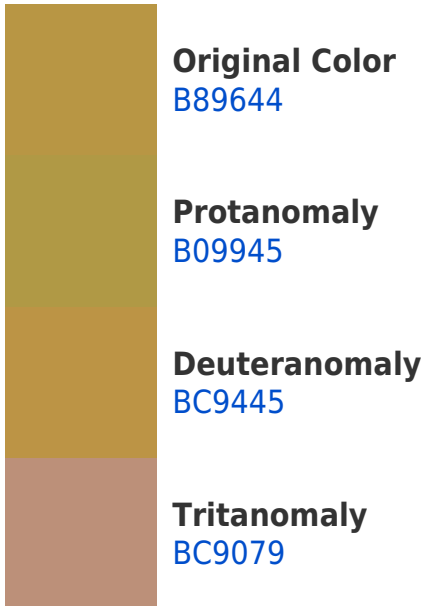
## Dichromacy



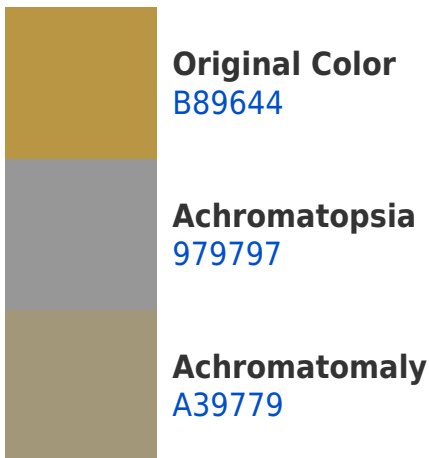


**Tritanopia**  
BF8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B89644 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 #B89644 looks like.

```
.text, #text, p{  
    color:#B89644  
}
```

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 #B89644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89644
}
```

## Border

The CSS property to change the border of an element to Hex B89644 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
#B89644 }
```

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

```
.border{ border-color:#B89644 }
```

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

Here you see how a box with a 4 pixel #B89644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89644; -webkit-box-shadow:4px 4px  
4px 4px #B89644; box-shadow:4px 4px 4px  
4px #B89644 }
```

# Background

The CSS property to change the background color of an element to Hex B89644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89644 }
```

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

```
.background{ background-color:#B89644 }
```

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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