

# Converting Colors

Hex(B8882B)

Have a look what the booklet for  
Hex(B8882B) contains.

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**Color**

**Hex(B8882B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8882B
RGB	184, 136, 43
RGB Percent	72%, 53%, 17%
CMY	0.2784, 0.4667, 0.8314
CMYK	0.00, 0.26, 0.77, 0.28
HSL	40°, 62%, 45%
HSV	40°, 77%, 72%
XYZ	29.0074, 27.9731, 6.1560
YIQ	139.7500, 58.4610, -18.7470

# Conversions

## Conversions Part 2

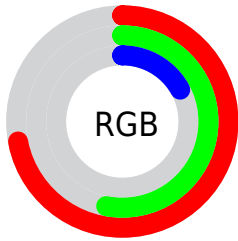
Format	Color
R <sub>Y</sub> B	116, 184, 43
Decimal	12093483
CIE Lab	59.86, 9.63, 54.04
CIE LCh	60, 54.891, 79.892
Yxy	27.9731, 0.4594, 0.4431
Android (android.graphics.Color)	4290283563 (0xFFB8882B)
YUV	139.7500, -47.6977, 38.8073
Hunter-Lab	52.8896, 5.3418, 30.1218

# Details

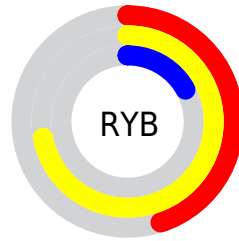
The Hex color **B8882B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2B5BB8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F4BD5F**, and **7E5700** is the 20% darker color. If you saturate the color by 10%, you get **B88219**, and if you desaturate by 10%, it is **B88E3D**.

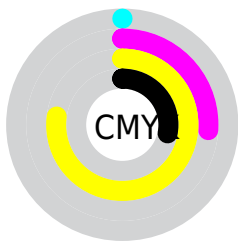
# Distribution



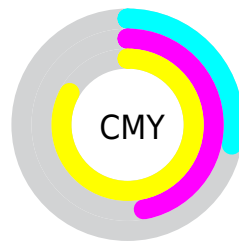
- Red (72%)
- Green (53%)
- Blue (17%)



- Red (45%)
- Yellow (72%)
- Blue (17%)



- Cyan (0%)
- Magenta (26%)
- Yellow (77%)
- Black (28%)



- Cyan (28%)
- Magenta (47%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8882B 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 B8882B by changing the saturation by 10% instead.



 B8882B

 B8882B

FFFFFF

 9B6F0C

 F4BD5F

 7E5700

 FFD97A

 633F00

 FFF594

 472A00

 FFFF80

 2D1500

 FFFFCC

 140000

 FFFFEE

 000000

 B8882B

 B8882B

 B88219

 B88E3D

 B87B06

 B89550

 B87900

 B89B62

 B8A175

 B8A787

 B8AE99

 B8B4AC

 B8BABE

 B8C0D1

# Harmonies

## Analogous

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



D97547



B8882B



8B972D

# Triad

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



B8882B



00A8B0



BB76CF

# Complementary

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



B8882B



2B5BB8

# 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.



748AEB



B8882B



00A4D9

# Square

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



B8882B



00A77E



009AEF



E066A3

# Rectangle

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



B8882B



679F42



009AEF



A87DDB



# Sweetspot

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



B8882B



F0DDB9



B82B5C



786C56



F7F7F7



787878



# Same Dimension

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



B8882B



F0A513



A3B82B



5C5953



9C6700



1C1300



# Inverse Universe

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



2B5BB8



135EF0



402BB8



53565C



00359C



000A1C



# Previews

## White Background



This preview shows how the Hex color B8882B looks on a white background.

## Color Contrast Check

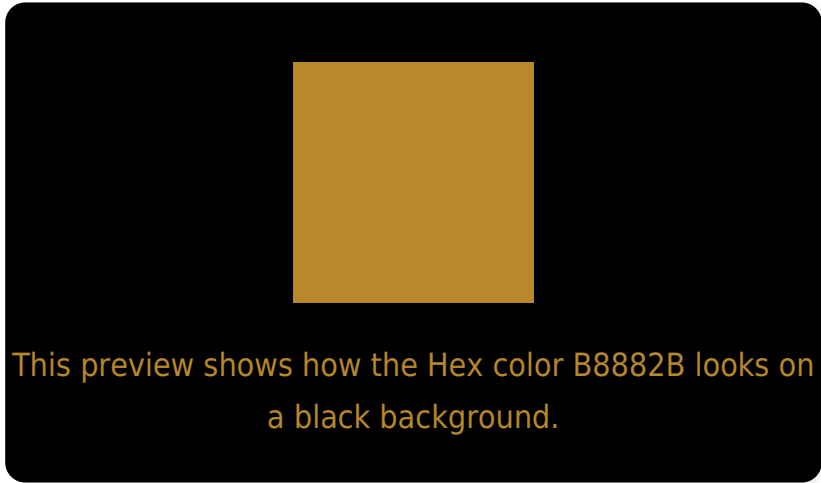
Large Text (above 18pt) WCAG AA ✓ Pass

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

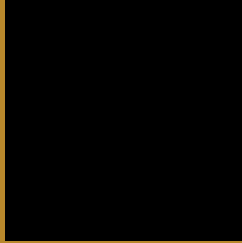
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B882B Background



This preview shows how black text looks on a background with the Hex color B882B.



This preview shows how white text looks on a background with the Hex color B882B.

# 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**  
B8882B

**Protanopia**  
A2912D

**Deuteranopia**  
B5892B



**Tritanopia**  
BE7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8882B 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 #B8882B looks like.

```
.text, #text, p{  
    color:#B8882B  
}
```

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 #B8882B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8882B
}
```

## Border

The CSS property to change the border of an element to Hex B8882B 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
#B8882B }
```

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

```
.border{ border-color:#B8882B }
```

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

Here you see how a box with a 4 pixel #B8882B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8882B; -webkit-box-shadow:4px 4px  
4px 4px #B8882B; box-shadow:4px 4px 4px  
4px #B8882B }
```

# Background

The CSS property to change the background color of an element to Hex B8882B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8882B }
```

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

```
.background{ background-color:#B8882B }
```

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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