

# Converting Colors

Hex(BB8E2B)

Have a look what the booklet for  
Hex(BB8E2B) contains.

<b>Hex(BB8E2B)</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(BB8E2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB8E2B
RGB	187, 142, 43
RGB Percent	73%, 56%, 17%
CMY	0.2667, 0.4431, 0.8314
CMYK	0.00, 0.24, 0.77, 0.27
HSL	41°, 63%, 45%
HSV	41°, 77%, 73%
XYZ	30.6026, 30.0852, 6.4796
YIQ	144.1690, 58.5990, -21.2490

# Conversions

## Conversions Part 2

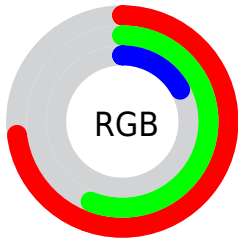
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 187, 43</a>
Decimal	<a href="#">12291627</a>
CIELab	<a href="#">61.73, 7.66, 55.93</a>
CIELCh	<a href="#">62, 56.452, 82.198</a>
Yxy	<a href="#">30.0852, 0.4556, 0.4479</a>
Android (android.graphics.Color)	<a href="#">4290481707 (0xFFBB8E2B)</a>
YUV	<a href="#">144.1690, -49.8763, 37.5628</a>
Hunter-Lab	<a href="#">54.8500, 3.6034, 31.3909</a>

# Details

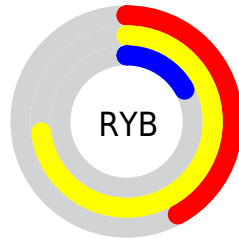
The Hex color **BB8E2B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2B58BB**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F7C360**, and **815C00** is the 20% darker color. If you saturate the color by 10%, you get **BB8818**, and if you desaturate by 10%, it is **BB943E**.

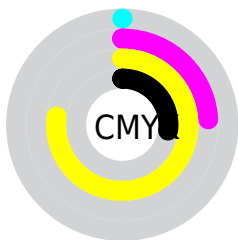
# Distribution



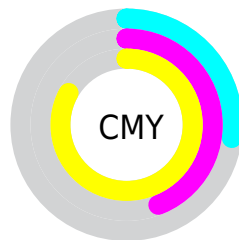
- Red (73%)
- Green (56%)
- Blue (17%)



- Red (42%)
- Yellow (73%)
- Blue (17%)



- Cyan (0%)
- Magenta (24%)
- Yellow (77%)
- Black (27%)



- Cyan (27%)
- Magenta (44%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB8E2B 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 BB8E2B by changing the saturation by 10% instead.




 BB8E2B

 BB8E2B

FFFFFF

 9E750A

 F7C360

 815C00

 FFDF7A

 664500

 FFFC95

 4A2F00

 FFFFB1

 301A00

 FFFFCD

 180000

 FFFFEA

 000000

 BB8E2B

 BB8E2B

 BB8818

 BB943E

 BB8206

 BB9A50

 BB8100

 BBA063

 BBA576

 BBAB88

 BBB19B

 BBB7AE

 BBBDC1

 BBC3D3

# Harmonies

## Analogous

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



DE7A47



BB8E2B



8C9E31

# Triad

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



BB8E2B



00ADB9



C578D3

# Complementary

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



BB8E2B



2B58BB

# 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.



7F8DF2



BB8E2B



00A9E3

# Square

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



BB8E2B



00AD86



009FF8



E969A4

# Rectangle

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



BB8E2B



65A547



009FF8



B27FE0



# Sweetspot

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



BB8E2B



F2E1BB



BB2B59



7A7058



FAFAFA



7A7A7A



# Same Dimension

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



BB8E2B



F2AD13



A1BB2B



5E5B55



9E6D00



1F1500



# Inverse Universe

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



2B58BB



1359F2



452BBB



55585E



00319E

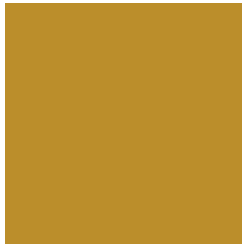


000A1F



# Previews

## White Background



This preview shows how the Hex color BB8E2B looks on a white background.

## Color Contrast Check

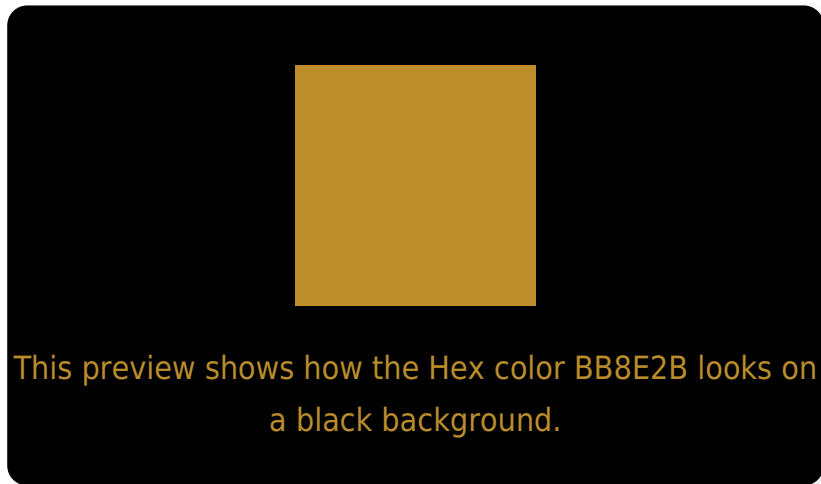
Large Text (above 18pt) WCAG AA × Fail

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 BB8E2B Background



This preview shows how black text looks on a background with the Hex color BB8E2B.




This preview shows how white text looks on a background with the Hex color BB8E2B.

# 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



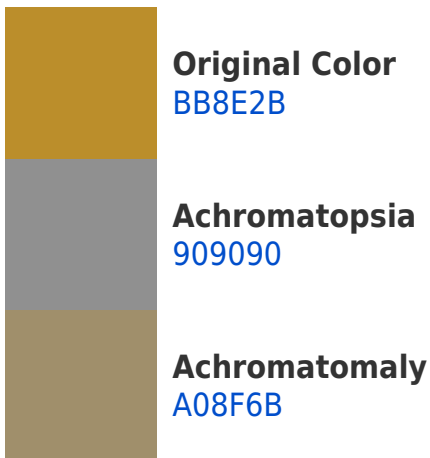


**Tritanopia**  
C1858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB8E2B 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 #BB8E2B looks like.

```
.text, #text, p{  
    color:#BB8E2B  
}
```

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 #BB8E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8E2B
}
```

## Border

The CSS property to change the border of an element to Hex BB8E2B 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
#BB8E2B }
```

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

```
.border{ border-color:#BB8E2B }
```

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

Here you see how a box with a 4 pixel #BB8E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8E2B; -webkit-box-shadow:4px 4px  
4px 4px #BB8E2B; box-shadow:4px 4px 4px  
4px #BB8E2B }
```

# Background

The CSS property to change the background color of an element to Hex BB8E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8E2B }
```

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

```
.background{ background-color:#BB8E2B }
```

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