

# Converting Colors

Hex(BB8022)

Have a look what the booklet for  
Hex(BB8022) contains.

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**Color**

**Hex(BB8022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB8022
RGB	187, 128, 34
RGB Percent	73%, 50%, 13%
CMY	0.2667, 0.4980, 0.8667
CMYK	0.00, 0.32, 0.82, 0.27
HSL	37°, 69%, 43%
HSV	37°, 82%, 73%
XYZ	28.5014, 26.1186, 5.0526
YIQ	134.9250, 65.3380, -16.7260

# Conversions

## Conversions Part 2

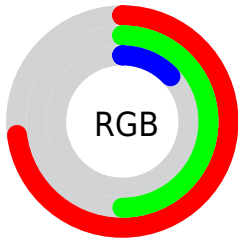
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 187, 34</a>
Decimal	<a href="#">12288034</a>
CIELab	<a href="#">58.15, 15.06, 55.97</a>
CIELCh	<a href="#">58, 57.964, 74.944</a>
Yxy	<a href="#">26.1186, 0.4776, 0.4377</a>
Android (android.graphics.Color)	<a href="#">4290478114</a> ( <a href="#">0xFFBB8022</a> )
YUV	<a href="#">134.9250, -49.7560, 45.6698</a>
Hunter-Lab	<a href="#">51.1064, 10.1111, 29.9128</a>

# Details

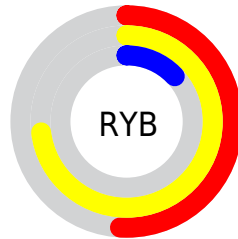
The Hex color **BB8022** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **225DBB**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F7B557**, and **814F00** is the 20% darker color. If you saturate the color by 10%, you get **BB790F**, and if you desaturate by 10%, it is **BB8735**.

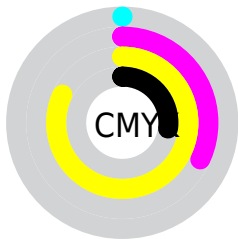
# Distribution



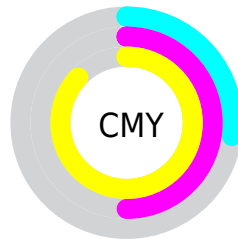
- Red (73%)
- Green (50%)
- Blue (13%)



- Red (51%)
- Yellow (73%)
- Blue (13%)



- Cyan (0%)
- Magenta (32%)
- Yellow (82%)
- Black (27%)



- Cyan (27%)
- Magenta (50%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB8022 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 BB8022 by changing the saturation by 10% instead.



 BB8022

 BB8022

FFFFFF

 9E6700

 F7B557

 814F00

 FFD071

 643800

 FFEC8C

 492200

 FFFFA7

 2E0E00

 FFFFC3

 110000

 FFFFEO

 000000

 FFFFFD

 BB8022

 BB8022

■ BB790F

■ BB8735

■ BB7300

■ BB8E47

■ BB965A

■ BB9D6D

■ BBA47F

■ BBAB92

■ BBB2A5

■ BBBAB8

■ BBC1CA

# Harmonies

## Analogous

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



DB6B46



BB8022



8E911D

# Triad

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



BB8022



00A4A4



AF73D4

# Complementary

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



BB8022



225DBB

# 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.



5989EE



BB8022



00A1D2

# Square

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



BB8022



00A270



0099EE



DB60A7

# Rectangle

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



BB8022



699931



0099EE



987BDF



# Sweetspot

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



BB8022



F2DBB6



BB225F



7A6C56



FAFAFA



7A7A7A



# Same Dimension

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



BB8022



F29705



ACBB22



5E5B55



9E6100



1F1300



# Inverse Universe

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



225DBB



0560F2



3122BB



55595E



003D9E



000C1F



# Previews

## White Background



This preview shows how the Hex color BB8022 looks on a white background.

## Color Contrast Check

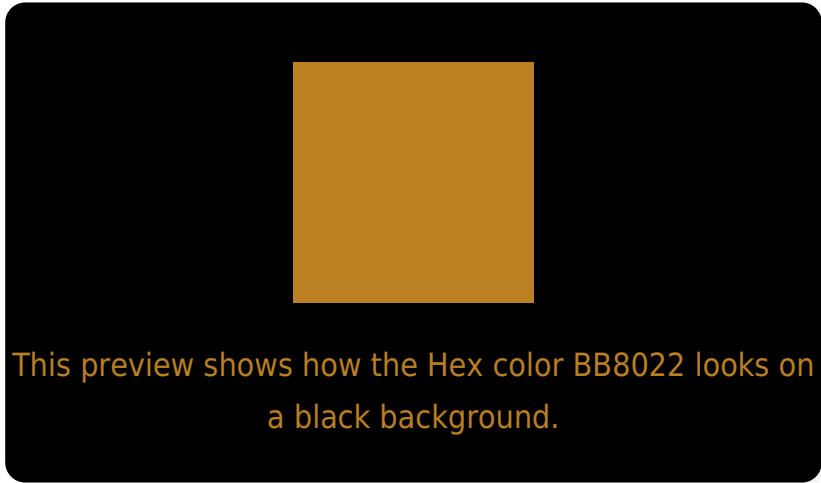
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB8022 Background



This preview shows how black text looks on a background with the Hex color BB8022.



This preview shows how white text looks on a background with the Hex color BB8022.

# 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**  
C07780

# Trichromacy



**Original Color**  
BB8022

**Protanomaly**  
A88824

**Deuteranomaly**  
B48321

**Tritanomaly**  
BE7A5E

# Monochromacy



**Original Color**  
BB8022

**Achromatopsia**  
878787

**Achromatomaly**  
9A8462

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB8022 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 #BB8022 looks like.

```
.text, #text, p{  
    color:#BB8022  
}
```

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 #BB8022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8022
}
```

## Border

The CSS property to change the border of an element to Hex BB8022 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
#BB8022 }
```

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

```
.border{ border-color:#BB8022 }
```

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

Here you see how a box with a 4 pixel #BB8022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8022; -webkit-box-shadow:4px 4px  
4px 4px #BB8022; box-shadow:4px 4px 4px  
4px #BB8022 }
```

# Background

The CSS property to change the background color of an element to Hex BB8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8022 }
```

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

```
.background{ background-color:#BB8022 }
```

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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