

# Converting Colors

Hex(BB8118)

Have a look what the booklet for  
Hex(BB8118) contains.

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**Color**

**Hex(BB8118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB8118
RGB	187, 129, 24
RGB Percent	73%, 51%, 9%
CMY	0.2667, 0.4941, 0.9059
CMYK	0.00, 0.31, 0.87, 0.27
HSL	39°, 77%, 41%
HSV	39°, 87%, 73%
XYZ	28.5086, 26.3313, 4.4440
YIQ	134.3720, 68.2730, -20.3590

# Conversions

## Conversions Part 2

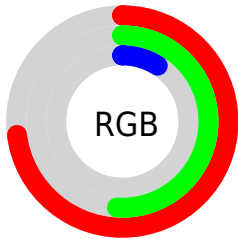
Format	Color
<a href="#">RYB</a>	<a href="#">114, 187, 24</a>
Decimal	<a href="#">12288280</a>
CIELab	<a href="#">58.35, 14.22, 59.33</a>
CIELCh	<a href="#">58, 61.010, 76.521</a>
Yxy	<a href="#">26.3313, 0.4809, 0.4442</a>
Android (android.graphics.Color)	<a href="#">4290478360</a> (0xFFBB8118)
YUV	<a href="#">134.3720, -54.4134, 46.1548</a>
Hunter-Lab	<a href="#">51.3140, 9.3702, 30.7850</a>

# Details

The Hex color **BB8118** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1852BB**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F8B650**, and **805000** is the 20% darker color. If you saturate the color by 10%, you get **BB7A05**, and if you desaturate by 10%, it is **BB882B**.

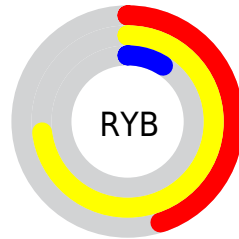
# Distribution



Red (73%)

Green (51%)

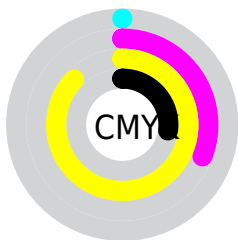
Blue (9%)



Red (45%)

Yellow (73%)

Blue (9%)

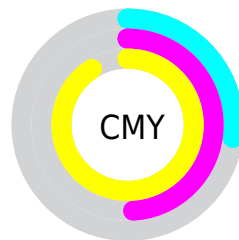


Cyan (0%)

Magenta (31%)

Yellow (87%)

Black (27%)



Cyan (27%)

Magenta (49%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB8118 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 BB8118 by changing the saturation by 10% instead.



 BB8118

 BB8118

FFFFFF

 9D6800

 F8B650

 805000

 FFD16B

 643900

 FFEE85

 482400

 FFFFA1

 2E0F00

 FFFFBD

 110000

 FFFFD9

 000000

 FFFFF6

 BB8118

 BB8118

■ BB7A05

■ BB882B

■ BB7800

■ BB8E3D

■ BB9550

■ BB9C63

■ BBA275

■ BBA988

■ BBB09B

■ BBB6AE

■ BBBDC0

# Harmonies

## Analogous

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



DE6B40



BB8118



8B9314

# Triad

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



BB8118



00A6A9



B471D6

# Complementary

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



BB8118



1852BB

# 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.



5B88F3



BB8118



00A2D9

# Square

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



BB8118



00A472



0099F4



E15CA7

# Rectangle

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



BB8118



649B2E



0099F4



9D79E3



# Sweetspot

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



BB8118



F2DCB3



BB1854



7A6D54



FAFAFA



7A7A7A



# Same Dimension

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



BB8118



F29C00



A5BB18



5E5B55



9E6600



1F1400



# Inverse Universe

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



1852BB



0056F2



2E18BB



55585E



00389E



000B1F



# Previews

## White Background



This preview shows how the Hex color BB8118 looks on a white background.

## Color Contrast Check

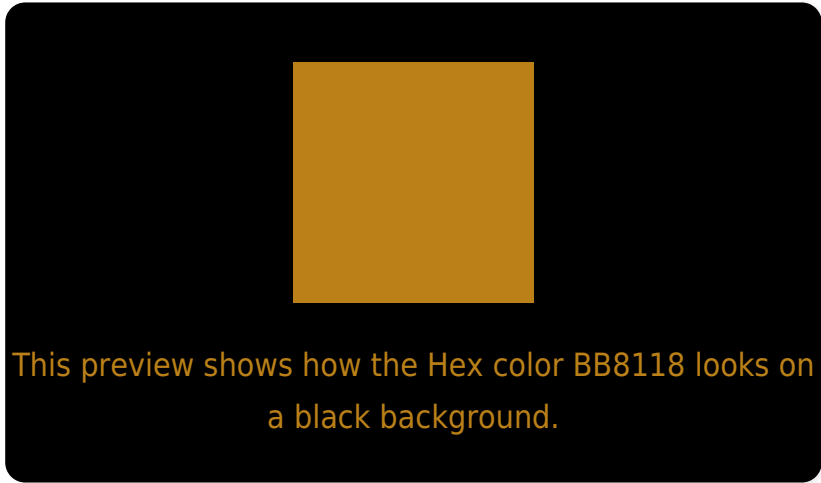
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB8118 Background



This preview shows how black text looks on a background with the Hex color BB8118.



This preview shows how white text looks on a background with the Hex color BB8118.

# 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**  
BB8118

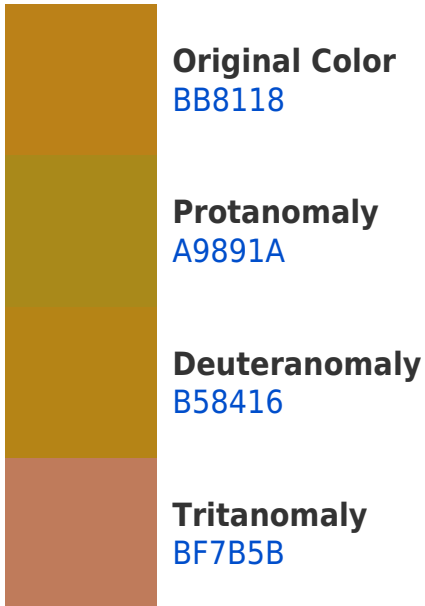
**Protanopia**  
9E8D1B

**Deuteranopia**  
B28515

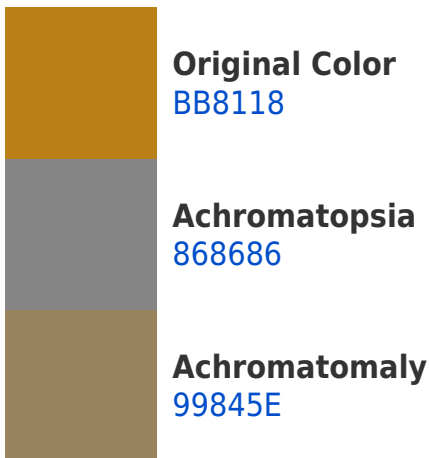


**Tritanopia**  
C17881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB8118 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 #BB8118 looks like.

```
.text, #text, p{  
    color:#BB8118  
}
```

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 #BB8118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8118
}
```

## Border

The CSS property to change the border of an element to Hex BB8118 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
#BB8118 }
```

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

```
.border{ border-color:#BB8118 }
```

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

Here you see how a box with a 4 pixel #BB8118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8118; -webkit-box-shadow:4px 4px  
4px 4px #BB8118; box-shadow:4px 4px 4px  
4px #BB8118 }
```

# Background

The CSS property to change the background color of an element to Hex BB8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8118 }
```

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

```
.background{ background-color:#BB8118 }
```

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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