

# Converting Colors

Hex(BC8119)

Have a look what the booklet for  
Hex(BC8119) contains.

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**Color**

**Hex(BC8119)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC8119
RGB	188, 129, 25
RGB Percent	74%, 51%, 10%
CMY	0.2627, 0.4941, 0.9020
CMYK	0.00, 0.31, 0.87, 0.26
HSL	38°, 77%, 42%
HSV	38°, 87%, 74%
XYZ	28.7648, 26.4621, 4.5113
YIQ	134.7850, 68.5480, -19.8360

# Conversions

## Conversions Part 2

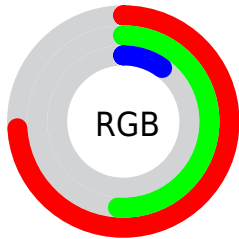
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 188, 25
Decimal	12353817
CIE <sub>Lab</sub>	58.47, 14.69, 59.20
CIE <sub>LCh</sub>	58, 60.991, 76.063
Yxy	26.4621, 0.4815, 0.4430
Android (android.graphics.Color)	4290543897 (0xFFBC8119)
YUV	134.7850, -54.1240, 46.6696
Hunter-Lab	51.4413, 9.7907, 30.8093

# Details

The Hex color **BC8119** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1954BC**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F9B651**, and **815000** is the 20% darker color. If you saturate the color by 10%, you get **BC7A06**, and if you desaturate by 10%, it is **BC882C**.

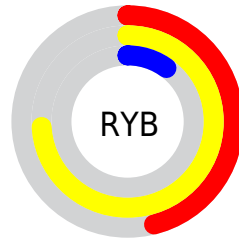
# Distribution



Red (74%)

Green (51%)

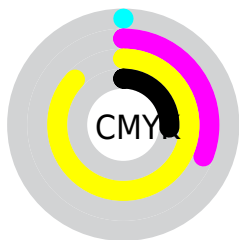
Blue (10%)



Red (46%)

Yellow (74%)

Blue (10%)

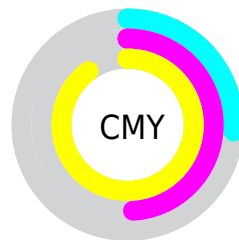


Cyan (0%)

Magenta (31%)

Yellow (87%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC8119 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 BC8119 by changing the saturation by 10% instead.



 BC8119

 BC8119

FFFFFF

 9E6800

 F9B651

 815000

 FFD16B

 653900

 FFEE86

 492300

 FFFFA2

 2F0F00

 FFFFBD

 130000

 FFFFDA

 000000

 FFFFF7

 BC8119

 BC8119

■ BC7A06

■ BC882C

■ BC7800

■ BC8F3F

■ BC9551

■ BC9C64

■ BCA377

■ BCAA8A

■ BCB19D

■ BCB7AF

■ BCBEC2

# Harmonies

## Analogous

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



DE6B41



BC8119



8C9314

# Triad

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



BC8119



00A6A9



B371D7

# Complementary

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



BC8119



1954BC

# 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.



5989F4



BC8119



00A3D9

# Square

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



BC8119



00A471



009AF4



E05CA8

# Rectangle

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



BC8119



659B2E



009AF4



9C7AE4



# Sweetspot

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



BC8119



F5DEB5



BC1955



7A6D54



FAFAFA



7A7A7A



# Same Dimension

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



BC8119



F59C00



A6BC19



5E5B55



9E6500



1F1400



# Inverse Universe

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



1954BC



0059F5



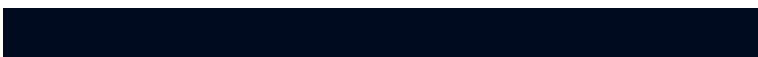
2F19BC



55585E



00399E



000B1F



# Previews

## White Background



This preview shows how the Hex color BC8119 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 BC8119 Background



This preview shows how black text looks on a background with the Hex color BC8119.



This preview shows how white text looks on a background with the Hex color BC8119.

# 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**  
BC8119

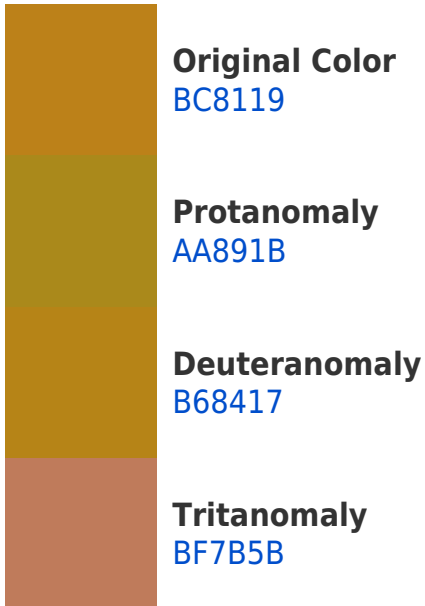
**Protanopia**  
9F8D1C

**Deuteranopia**  
B28616

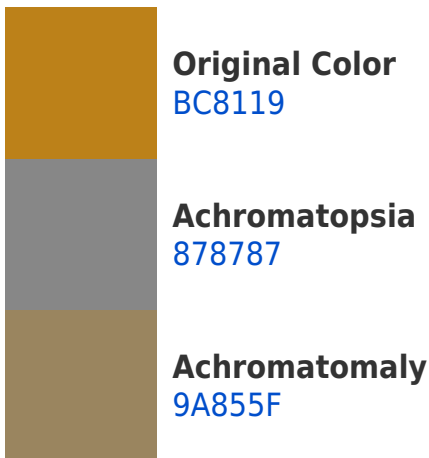


**Tritanopia**  
C17881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC8119 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 #BC8119 looks like.

```
.text, #text, p{  
    color:#BC8119  
}
```

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 #BC8119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC8119
}
```

## Border

The CSS property to change the border of an element to Hex BC8119 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
#BC8119 }
```

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

```
.border{ border-color:#BC8119 }
```

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

Here you see how a box with a 4 pixel #BC8119 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC8119; -webkit-box-shadow:4px 4px  
4px 4px #BC8119; box-shadow:4px 4px 4px  
4px #BC8119 }
```

# Background

The CSS property to change the background color of an element to Hex BC8119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC8119 }
```

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

```
.background{ background-color:#BC8119 }
```

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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