

# Converting Colors

Hex(BB6B11)

Have a look what the booklet for  
Hex(BB6B11) contains.

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**Color**

**Hex(BB6B11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB6B11
RGB	187, 107, 17
RGB Percent	73%, 42%, 7%
CMY	0.2667, 0.5804, 0.9333
CMYK	0.00, 0.43, 0.91, 0.27
HSL	32°, 83%, 40%
HSV	32°, 91%, 73%
XYZ	25.8524, 21.1207, 3.2444
YIQ	120.6600, 76.5700, -11.0300

# Conversions

## Conversions Part 2

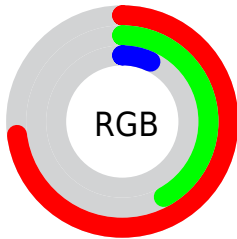
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">168, 187, 17</a>
Decimal	<a href="#">12282641</a>
<a href="#">CIELab</a>	<a href="#">53.08, 26.20, 57.10</a>
<a href="#">CIElCh</a>	<a href="#">53, 62.823, 65.357</a>
<a href="#">Yxy</a>	<a href="#">21.1207, 0.5148, 0.4206</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290472721 (0xFFBB6B11)</a>
<a href="#">YUV</a>	<a href="#">120.6600, -51.1044, 58.1802</a>
<a href="#">Hunter-Lab</a>	<a href="#">45.9572, 19.9868, 27.9844</a>

# Details

The Hex color **BB6B11** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **1161BB**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F99F49**, and **803B00** is the 20% darker color. If you saturate the color by 10%, you get **BB6300**, and if you desaturate by 10%, it is **BB7424**.

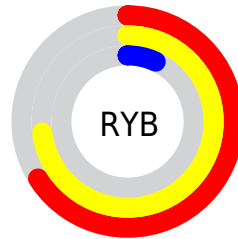
# Distribution



Red (73%)

Green (42%)

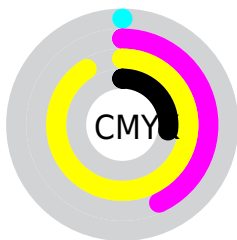
Blue (7%)



Red (66%)

Yellow (73%)

Blue (7%)

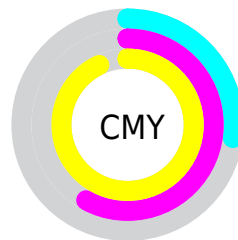


Cyan (0%)

Magenta (43%)

Yellow (91%)

Black (27%)



Cyan (27%)

Magenta (58%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB6B11 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 BB6B11 by changing the saturation by 10% instead.



 BB6B11

 BB6B11

FFFFFF

 9D5200

 F99F49

 803B00

 FFBA63

 622400

 FFD67D

 460D00

 FFF298

 2D0000

 FFFFB4

 000000

 FFFF00

 FFFFED

 BB6B11

 BB6B11

■ BB6300

■ BB7424

■ BB7D36

■ BB8549

■ BB8E5C

■ BB976F

■ BBA081

■ BBA994

■ BBB1A7

■ BBBAB9

# Harmonies

## Analogous

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



D85343



BB6B11



8F7F00

# Triad

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



BB6B11



009787



8B6CD8

# Complementary

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



BB6B11



1161BB

# 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.



0082EB



BB6B11



0096BC

# Square

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



BB6B11



00944F



0090E1



C752AD

# Rectangle

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



BB6B11



6C8901



0090E1



6C74E1



# Sweetspot

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



BB6B11



F2D3B1



BB1163



7A6853



FAFAFA



7A7A7A



# Same Dimension

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



BB6B11



F28000



B8BB11



5E5A55



9E5400



1F1000



# Inverse Universe

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



1161BB



0072F2



1411BB



55595E



004A9E



000E1F



# Previews

## White Background



This preview shows how the Hex color BB6B11 looks on a white background.

## Color Contrast Check

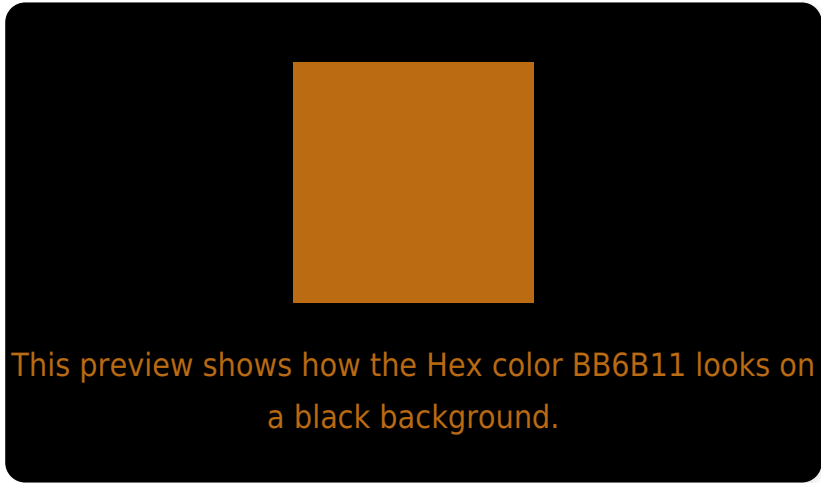
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB6B11 Background



This preview shows how black text looks on a background with the Hex color BB6B11.



This preview shows how white text looks on a background with the Hex color BB6B11.

# 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**  
BB6B11

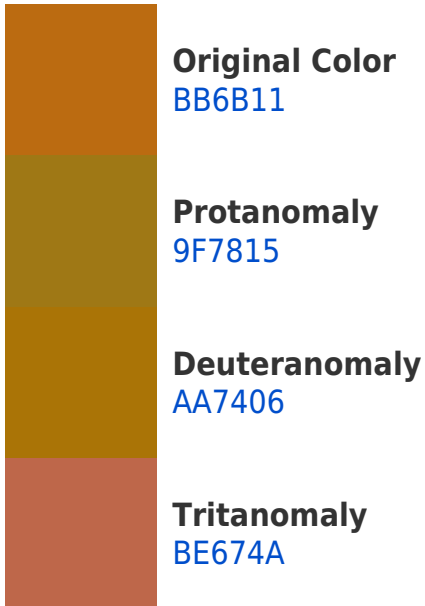
**Protanopia**  
8F8017

**Deuteranopia**  
A17900

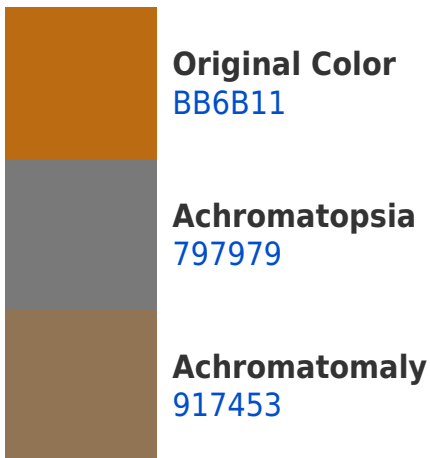


**Tritanopia**  
BF646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB6B11 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 #BB6B11 looks like.

```
.text, #text, p{  
    color:#BB6B11  
}
```

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 #BB6B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6B11  
}
```

## Border

The CSS property to change the border of an element to Hex BB6B11 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  
#BB6B11 }
```

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

```
.border{ border-color:#BB6B11 }
```

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

Here you see how a box with a 4 pixel #BB6B11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6B11; -webkit-box-shadow:4px 4px  
4px 4px #BB6B11; box-shadow:4px 4px 4px  
4px #BB6B11 }
```

# Background

The CSS property to change the background color of an element to Hex BB6B11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6B11 }
```

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

```
.background{ background-color:#BB6B11 }
```

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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