

# Converting Colors

Hex(BB6C13)

Have a look what the booklet for  
Hex(BB6C13) contains.

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**Color**

**Hex(BB6C13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB6C13
RGB	187, 108, 19
RGB Percent	73%, 42%, 7%
CMY	0.2667, 0.5765, 0.9255
CMYK	0.00, 0.42, 0.90, 0.27
HSL	32°, 82%, 40%
HSV	32°, 90%, 73%
XYZ	25.9736, 21.3369, 3.3656
YIQ	121.4750, 75.6530, -10.9310

# Conversions

## Conversions Part 2

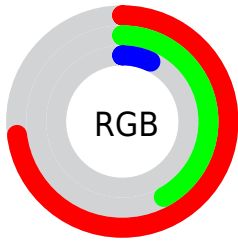
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">168, 187, 19</a>
Decimal	<a href="#">12282899</a>
<a href="#">CIELab</a>	<a href="#">53.32, 25.69, 56.74</a>
<a href="#">CIElCh</a>	<a href="#">53, 62.288, 65.644</a>
<a href="#">Yxy</a>	<a href="#">21.3369, 0.5125, 0.4210</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290472979 (0xFFBB6C13)</a>
<a href="#">YUV</a>	<a href="#">121.4750, -50.5202, 57.4654</a>
<a href="#">Hunter-Lab</a>	<a href="#">46.1919, 19.5343, 28.0144</a>

# Details

The Hex color **BB6C13** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **1362BB**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F8A04A**, and **803C00** is the 20% darker color. If you saturate the color by 10%, you get **BB6300**, and if you desaturate by 10%, it is **BB7526**.

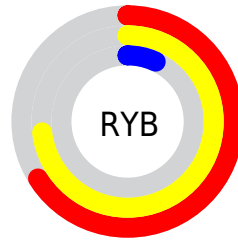
# Distribution



Red (73%)

Green (42%)

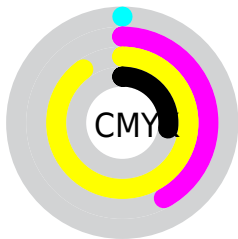
Blue (7%)



Red (66%)

Yellow (73%)

Blue (7%)

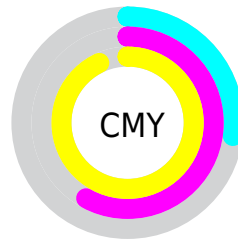


Cyan (0%)

Magenta (42%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (58%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB6C13 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 BB6C13 by changing the saturation by 10% instead.



 BB6C13

 BB6C13

FFFFFF

 9D5300

 F8A04A

 803C00

 FFBB64

 622500

 FFD77E

 460E00

 FFF399

 2D0000

 FFFFB5

 000000

 FFFFD1

 FFFFEE

 BB6C13

 BB6C13

■ BB6300

■ BB7526

■ BB7E38

■ BB864B

■ BB8F5E

■ BB9870

■ BBA183

■ BBAA96

■ BBB2A9

■ BBBBBB

# Harmonies

## Analogous

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



D85444



BB6C13



8F8000

# Triad

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



BB6C13



009888



8D6CD7

# Complementary

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



BB6C13



1362BB

# 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.



0083EB



BB6C13



0097BD

# Square

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



BB6C13



009551



0091E1



C753AD

# Rectangle

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



BB6C13



6C8A05



0091E1



6E74E1



# Sweetspot

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



BB6C13



F2D3B1



BB1364



7A6853



FAFAFA



7A7A7A



# Same Dimension

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



BB6C13



F28000



B8BB13



5E5A55



9E5400



1F1000



# Inverse Universe

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



1362BB



0072F2



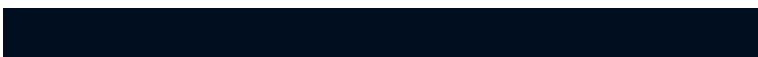
1613BB



55595E



004A9E



000E1F



# Previews

## White Background



This preview shows how the Hex color BB6C13 looks on a white background.

## Color Contrast Check

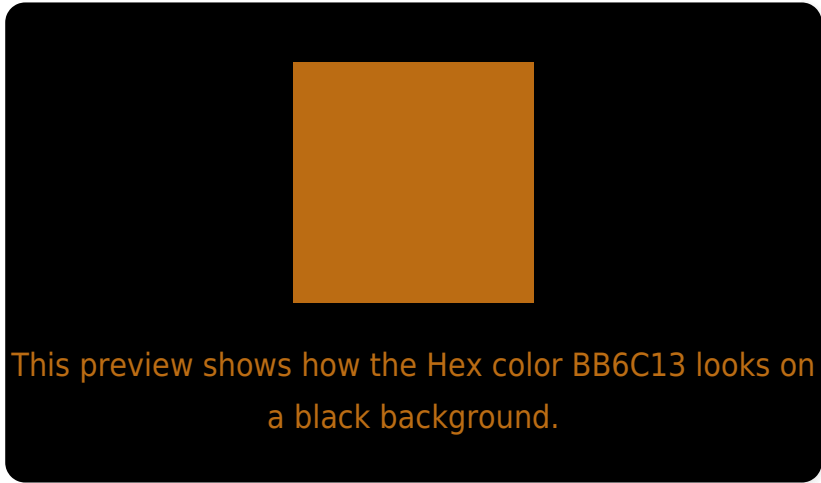
Large Text (above 18pt) WCAG AA ✓ Pass

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

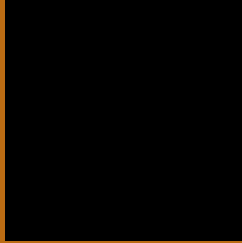
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BB6C13 Background



This preview shows how black text looks on a background with the Hex color BB6C13.



This preview shows how white text looks on a background with the Hex color BB6C13.

# 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**  
BB6C13

**Protanopia**  
908019

**Deuteranopia**  
A27900

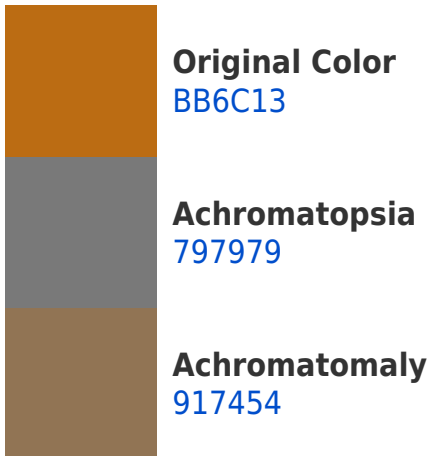


**Tritanopia**  
BF656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB6C13 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 #BB6C13 looks like.

```
.text, #text, p{  
    color:#BB6C13  
}
```

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 #BB6C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6C13 }  
}
```

## Border

The CSS property to change the border of an element to Hex BB6C13 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 #BB6C13 }  
}
```

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

```
.border{ border-color:#BB6C13 }
```

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

Here you see how a box with a 4 pixel #BB6C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6C13; -webkit-box-shadow:4px 4px  
4px 4px #BB6C13; box-shadow:4px 4px 4px  
4px #BB6C13 }
```

# Background

The CSS property to change the background color of an element to Hex BB6C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6C13 }
```

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

```
.background{ background-color:#BB6C13 }
```

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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