

# Converting Colors

Hex(BB180C)

Have a look what the booklet for  
Hex(BB180C) contains.

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# Color

Hex(BB180C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB180C
RGB	187, 24, 12
RGB Percent	73%, 9%, 5%
CMY	0.2667, 0.9059, 0.9529
CMYK	0.00, 0.87, 0.94, 0.27
HSL	4°, 88%, 39%
HSV	4°, 94%, 73%
XYZ	20.8865, 11.2446, 1.4174
YIQ	71.3690, 101.0000, 30.8240

# Conversions

## Conversions Part 2

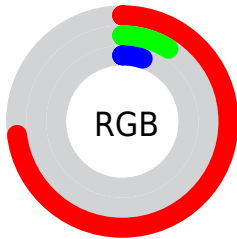
Format	Color
<b>RYB</b>	187, 25, 12
Decimal	12261388
CIELab	39.99, 60.39, 49.49
CIELCh	40, 78.077, 39.331
Yxy	11.2446, 0.6226, 0.3352
Android (android.graphics.Color)	4290451468 (0xFFBB180C)
YUV	71.3690, -29.2689, 101.4084
Hunter-Lab	33.5330, 52.4986, 20.9669

# Details

The Hex color **BB180C** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **0CAFBB**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FC593C**, and **7C0000** is the 20% darker color. If you saturate the color by 10%, you get **BB0D00**, and if you desaturate by 10%, it is **BB291F**.

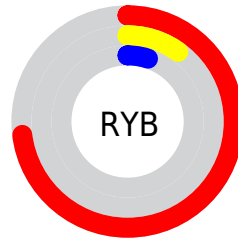
# Distribution



Red (73%)

Green (9%)

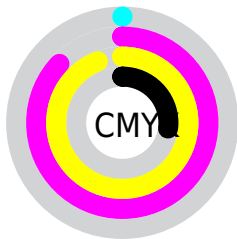
Blue (5%)



Red (73%)

Yellow (10%)

Blue (5%)

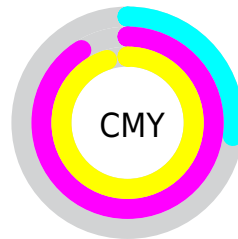


Cyan (0%)

Magenta (87%)

Yellow (94%)

Black (27%)



Cyan (27%)

Magenta (91%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB180C 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 BB180C by changing the saturation by 10% instead.



 BB180C

 BB180C

 FFFFF6

 9B0000

 FC593C

 7C0000

 FF7654

 5D0000

 FF926D

 410003

 FFAE87

 1F0001

 FFCBA2

 000000

 FFE9BD

 FFFFD9

 BB180C

 BB180C

■ BB0D00

■ BB291F

■ BB3B31

■ BB4C44

■ BB5E57

■ BB6F69

■ BB817C

■ BB928F

■ BBA3A2

■ BBB5B4

# Harmonies

## Analogous

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



C9004E



BB180C



964A00

# Triad

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



BB180C



00752D



0061DF

# Complementary

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



BB180C



0CAFBB

# 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.



0071D7



BB180C



007771

# Square

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



BB180C



006F00



0077AF



7340C3

# Rectangle

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



BB180C



755C00



0077AF



0068E0



# Sweetspot

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



BB180C



F2B3AE



BB0CAF



7A5451



FAFAFA



7A7A7A



# Same Dimension

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



BB180C



F21100



BB6F0C



5E5655



9E0B00



1F0200



# Inverse Universe

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



0CAFBB



00E2F2



0C58BB



555E5E



00939E



001D1F



# Previews

## White Background



This preview shows how the Hex color BB180C looks on a white background.

## Color Contrast Check

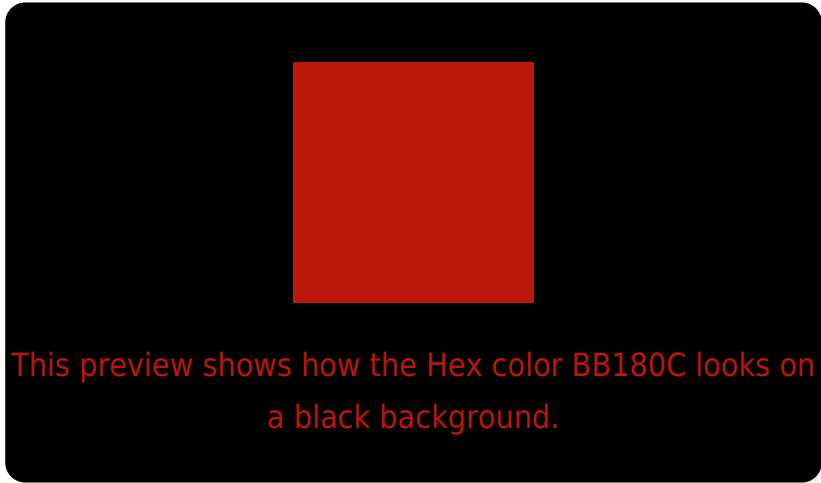
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex BB180C Background



This preview shows how black text looks on a background with the Hex color BB180C.



This preview shows how white text looks on a background with the Hex color BB180C.

# 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



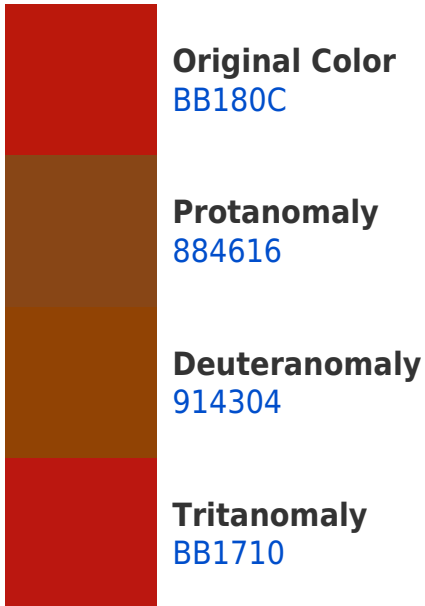
**Original Color**  
BB180C

**Protanopia**  
6B601C

**Deuteranopia**  
795B00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB180C 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 #BB180C looks like.

```
.text, #text, p{  
    color:#BB180C  
}
```

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 #BB180C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB180C  
}
```

## Border

The CSS property to change the border of an element to Hex BB180C is called "border". The border property can be set on classes, ids or directly on the HTML element.

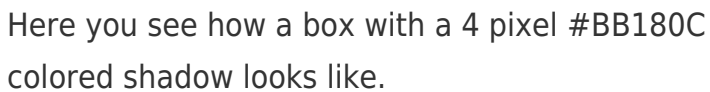
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#BB180C }
```

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

```
.border{ border-color:#BB180C }
```

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



Here you see how a box with a 4 pixel #BB180C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB180C; -webkit-box-shadow:4px 4px  
4px 4px #BB180C; box-shadow:4px 4px 4px  
4px #BB180C }
```

# Background

The CSS property to change the background color of an element to Hex BB180C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB180C }
```

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

```
.background{ background-color:#BB180C }
```

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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