

# Converting Colors

Hex(BB0C01)

Have a look what the booklet for  
Hex(BB0C01) contains.

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# Color

Hex(**BB0C01**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BB0C01
RGB	187, 12, 1
RGB Percent	73%, 5%, 0%
CMY	0.2667, 0.9529, 0.9961
CMYK	0.00, 0.94, 0.99, 0.27
HSL	4°, 99%, 37%
HSV	4°, 99%, 73%
XYZ	20.6305, 10.8299, 1.0318
YIQ	63.0710, 107.8310, 33.6790

# Conversions

## Conversions Part 2

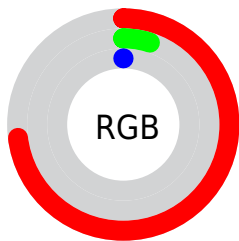
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">187, 13, 1</a>
Decimal	<a href="#">12258305</a>
CIELab	<a href="#">39.29, 62.16, 53.01</a>
CIELCh	<a href="#">39, 81.692, 40.458</a>
Yxy	<a href="#">10.8299, 0.6349, 0.3333</a>
Android (android.graphics.Color)	<a href="#">4290448385 (0xFFBB0C01)</a>
YUV	<a href="#">63.0710, -30.6010, 108.6857</a>
Hunter-Lab	<a href="#">32.9089, 54.3106, 21.1773</a>

# Details

The Hex color **BB0C01** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **01B0BB**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **FC5434**, and **7B0000** is the 20% darker color. If you saturate the color by 10%, you get **BB0B00**, and if you desaturate by 10%, it is **BB1E14**.

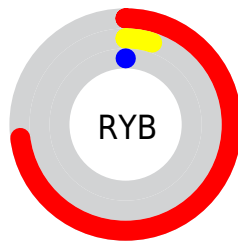
# Distribution



Red (73%)

Green (5%)

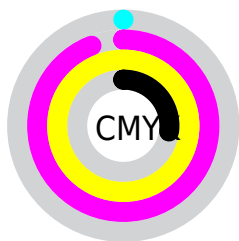
Blue (0%)



Red (73%)

Yellow (5%)

Blue (0%)

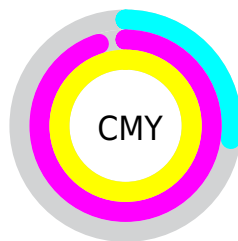


Cyan (0%)

Magenta (94%)

Yellow (99%)

Black (27%)



Cyan (27%)

Magenta (95%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB0C01 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 BB0C01 by changing the saturation by 10% instead.



 BB0C01

 BB0C01

 FFFFED

 9B0000

 FC5434

 7B0000

 FF714C

 5C0000

 FF8E65

 400003

 FFAA7F

 1E0001

 FFC799

 000000

 FFE4B4

 FFFF00

 BB0C01

 BB0C01

■ BB0B00

■ BB1E14

■ BB2F26

■ BB4139

■ BB524C

■ BB645F

■ BB7671

■ BB8784

■ BB9997

■ BBAAA9

# Harmonies

## Analogous

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



CB0049



BB0C01



944800

# Triad

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



BB0C01



00742C



005FE3

# Complementary

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



BB0C01



01B0BB

# 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.



0070DC



BB0C01



007673

# Square

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



BB0C01



006E00



0076B3



753BC4

# Rectangle

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



BB0C01



715B00



0076B3



0066E5



# Sweetspot

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



BB0C01



F2AEAA



BB01B2



7A514E



FAFAFA



7A7A7A



# Same Dimension

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



BB0C01



F20E00



BB6701



5E5555



9E0900



1F0200



# Inverse Universe

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



01B0BB



00E4F2



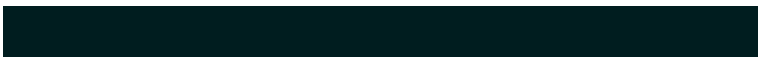
0155BB



555E5E



00959E



001D1F



# Previews

## White Background



This preview shows how the Hex color BB0C01 looks on a white background.

## Color Contrast Check

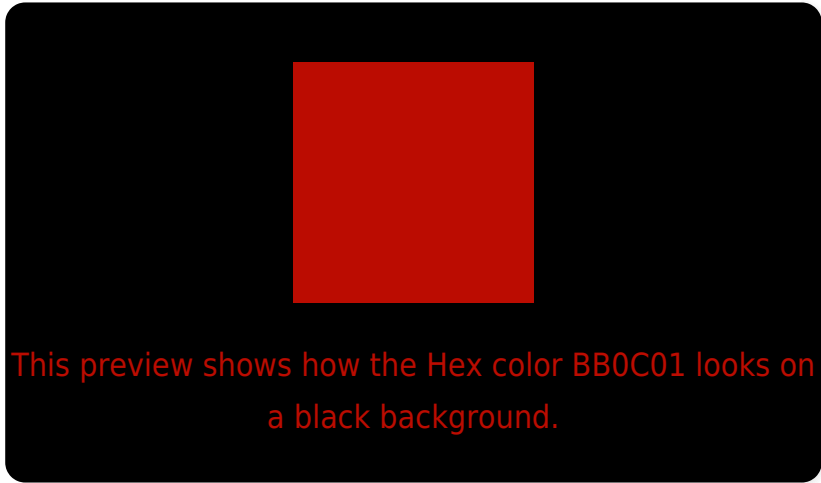
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB0C01 Background



This preview shows how black text looks on a background with the Hex color BB0C01.



This preview shows how white text looks on a background with the Hex color BB0C01.

# 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



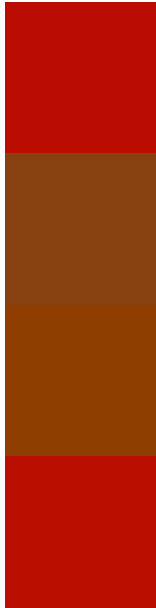
**Original Color**  
BB0C01

**Protanopia**  
6A5F18

**Deuteranopia**  
775A00



# Trichromacy



**Original Color**  
BB0C01

**Protanomaly**  
874110

**Deuteranomaly**  
903E00

**Tritanomaly**  
BA0F00

# Monochromacy



**Original Color**  
BB0C01

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
6C2C28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB0C01 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 #BB0C01 looks like.

```
.text, #text, p{  
    color:#BB0C01  
}
```

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 #BB0C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB0C01
}
```

## Border

The CSS property to change the border of an element to Hex BB0C01 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".

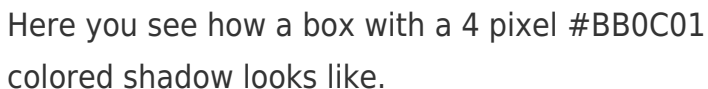
```
.border, #border, table{ border:4px solid
#BB0C01 }
```

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

```
.border{ border-color:#BB0C01 }
```

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

Here you see how a box with a 4 pixel #BB0C01 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB0C01; -webkit-box-shadow:4px 4px  
4px 4px #BB0C01; box-shadow:4px 4px 4px  
4px #BB0C01 }
```

# Background

The CSS property to change the background color of an element to Hex BB0C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB0C01 }
```

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

```
.background{ background-color:#BB0C01 }
```

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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