

# Converting Colors

Hex(BC000B)

Have a look what the booklet for  
Hex(BC000B) contains.

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# Color

Hex(**BC000B**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BC000B
RGB	188, 0, 11
RGB Percent	74%, 0%, 4%
CMY	0.2627, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.94, 0.26
HSL	356°, 100%, 37%
HSV	356°, 100%, 74%
XYZ	20.7994, 10.7155, 1.2887
YIQ	57.4660, 108.5170, 43.2770

# Conversions

## Conversions Part 2

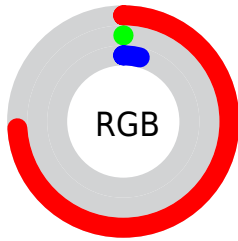
Format	Color
<a href="#">RYB</a>	<a href="#">188, 0, 11</a>
Decimal	<a href="#">12320779</a>
CIELab	<a href="#">39.10, 63.82, 49.42</a>
CIElCh	<a href="#">39, 80.714, 37.752</a>
Yxy	<a href="#">10.7155, 0.6341, 0.3267</a>
Android (android.graphics.Color)	<a href="#">4290510859</a> ( <a href="#">0xFFBC000B</a> )
YUV	<a href="#">57.4660, -22.9077, 114.4783</a>
Hunter-Lab	<a href="#">32.7346, 56.1328, 20.5801</a>

# Details

The Hex color **BC000B** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **00BCB1**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **FD513B**, and **7C0000** is the 20% darker color. If you saturate the color by 10%, you get **BC000B**, and if you desaturate by 10%, it is **BC131D**.

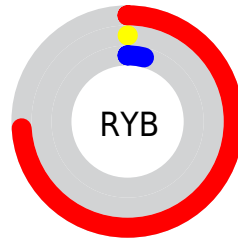
# Distribution



Red (74%)

Green (0%)

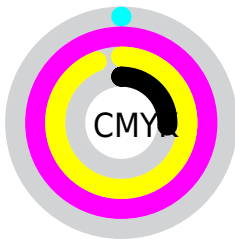
Blue (4%)



Red (74%)

Yellow (0%)

Blue (4%)

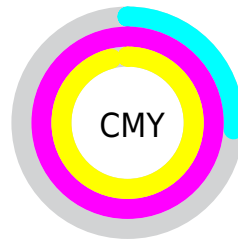


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (26%)



Cyan (26%)

Magenta (100%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC000B 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 BC000B by changing the saturation by 10% instead.



 BC000B

 BC000B

 FFFFF4

 9C0000

 FD513B

 7C0000

 FF6F53

 5D0000

 FF8B6C

 410003

 FFA885

 1E0001

 FFC5A0

 000000

 FFE2BB

 FFFFD7

 BC000B

 BC131D

 BC262E

 BC3840

 BC4B52

 BC5E64

 BC7175

 BC8487

 BC9699

 BCA9AA

# Harmonies

## Analogous

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



C9004F



BC000B



974500

# Triad

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



BC000B



007325



0061E1

# Complementary

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



BC000B



00BCB1

# 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.



0070D8



BC000B



00756C

# Square

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



BC000B



006D00



0075AC



6A3FC6

# Rectangle

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



BC000B



755800



0075AC



0067E2



# Sweetspot

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



BC000B



F5ABB0



AF00BC



7A4E51



FAFAFA



7A7A7A



# Same Dimension

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



BC000B



F5000E



BC5100



5E5555



9E0009



1F0002



# Inverse Universe

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



BC000B



F5000E



006BBC



5E5555



9E0009



1F0002



# Previews

## White Background



This preview shows how the Hex color BC000B looks on a white background.

## Color Contrast Check

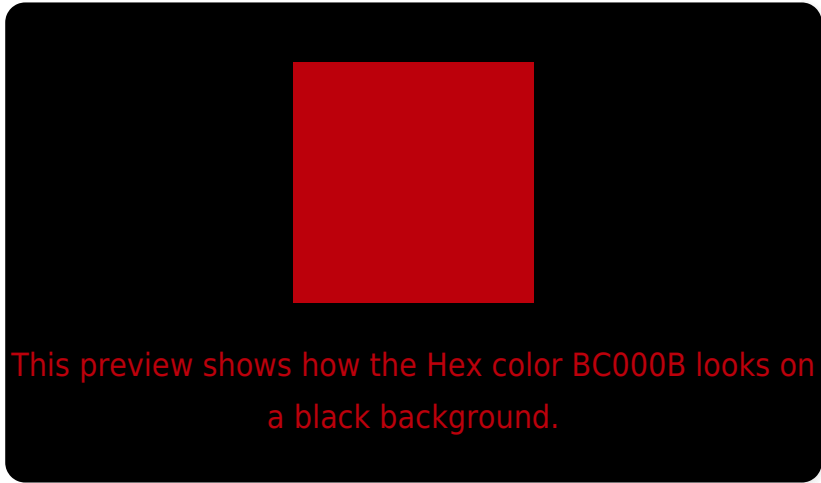
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC000B Background



This preview shows how black text looks on a background with the Hex color BC000B.



This preview shows how white text looks on a background with the Hex color BC000B.

# 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**  
BC000B

**Protanopia**  
6A5F1C

**Deuteranopia**  
785A00



**Tritanopia**  
BB1100

# Trichromacy



**Original Color**  
BC000B

**Protanomaly**  
883C16

**Deuteranomaly**  
913904

**Tritanomaly**  
BB0B04

# Monochromacy



**Original Color**  
BC000B

**Achromatopsia**  
393939

**Achromatomaly**  
692428

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC000B 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 #BC000B looks like.

```
.text, #text, p{  
    color:#BC000B  
}
```

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 #BC000B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC000B
}
```

## Border

The CSS property to change the border of an element to Hex BC000B is called "border". The border property can be set on classes, ids or directly on the HTML element.

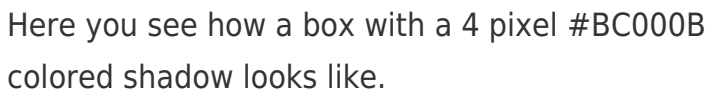
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC000B }
```

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

```
.border{ border-color:#BC000B }
```

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



Here you see how a box with a 4 pixel `#BC000B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC000B; -webkit-box-shadow:4px 4px  
4px 4px #BC000B; box-shadow:4px 4px 4px  
4px #BC000B }
```

# Background

The CSS property to change the background color of an element to Hex BC000B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC000B }
```

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

```
.background{ background-color:#BC000B }
```

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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