

Converting Colors

Hex(BF0000)

Have a look what the booklet for
Hex(BF0000) contains.

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Color

Hex(BF0000)

Conversions

Conversions Part 1

Format	Color
Hex	BF0000
RGB	191, 0, 0
RGB Percent	75%, 0%, 0%
CMY	0.2510, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.25
HSL	0°, 100%, 37%
HSV	0°, 100%, 75%
XYZ	21.4859, 11.0764, 1.0055
YIQ	57.1090, 113.8360, 40.4920

Conversions

Conversions Part 2

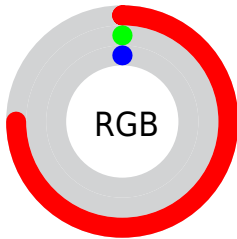
Format	Color
RYB	191, 0, 0
Decimal	12517376
CIELab	39.71, 64.46, 54.09
CIElCh	40, 84.148, 40.000
Yxy	11.0764, 0.6401, 0.3300
Android (android.graphics.Color)	4290707456 (0xFFBF0000)
YUV	57.1090, -28.1547, 117.4224
Hunter-Lab	33.2812, 56.9950, 21.5055

Details

The Hex color **BF0000** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **00BFBF**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **FF5233**, and **7F0000** is the 20% darker color. If you saturate the color by 10%, you get **BF0000**, and if you desaturate by 10%, it is **BF1313**.

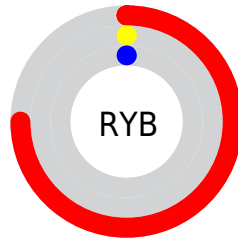
Distribution



Red (75%)

Green (0%)

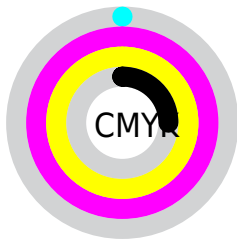
Blue (0%)



Red (75%)

Yellow (0%)

Blue (0%)

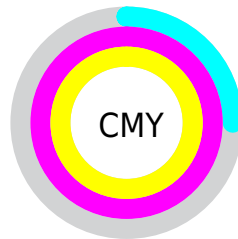


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF0000 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 BF0000 by changing the saturation by 10% instead.

 BF0000

 BF0000

 FFFFEC

 9F0000

 FF5233

 7F0000

 FF6F4B

 600000

 FF8C64

 430003

 FFA97E

 220001

 FFC698

 000000

 FFE3B4

 FFFFCE

 BF0000

 BF1313

 BF2626

 BF3939

 BF4C4C

 BF6060

 BF7373

 BF8686

 BF9999

 BFACAC

Harmonies

Analogous

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



CF004A



BF0000



974800

Triad

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



BF0000



00752A



0061E8

Complementary

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



BF0000



00BFBF

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.



0072E1



BF0000



007874

Square

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



BF0000



006F00



0078B6



753BC9

Rectangle

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



BF0000



735B00



0078B6



0068EA

Sweetspot

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



BF0000



F7ADAD



BF00BF



7D5050



FCFCFC



7D7D7D

Same Dimension

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



BF0000



F70000



BF6000



5E5555



9E0000



1F0000

Inverse Universe

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



00BFBF



00F7F7



0060BF



555E5E



009E9E



001F1F

Previews

White Background



This preview shows how the Hex color BF0000 looks on a white background.

Color Contrast Check

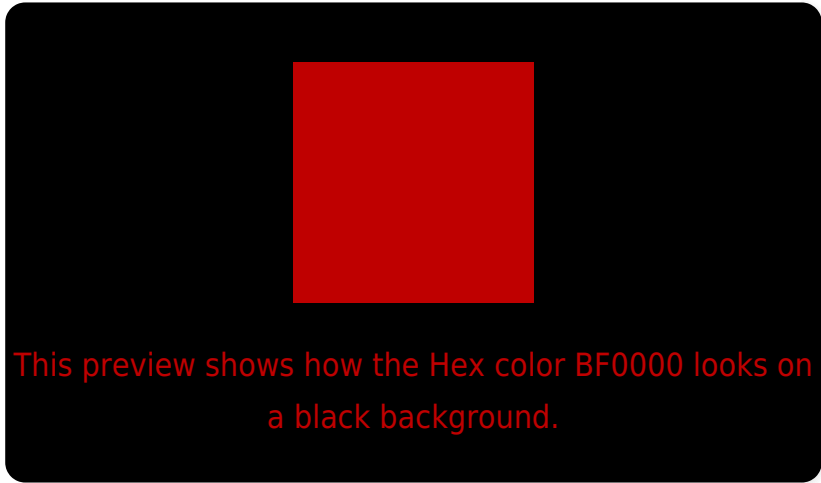
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF0000 Background



This preview shows how black text looks on a background with the Hex color BF0000.



This preview shows how white text looks on a background with the Hex color BF0000.

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



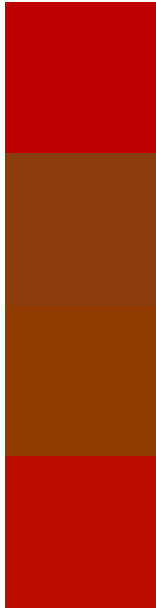
Original Color
BF0000

Protanopia
6C6119

Deuteranopia
795C00



Trichromacy



Original Color
BF0000

Protanomaly
8A3E10

Deuteranomaly
923B00

Tritanomaly
BE0B00

Monochromacy



Original Color
BF0000

Achromatopsia
393939

Achromatomaly
6A2424

CSS Examples

Text

The CSS property to change the color of the text to Hex BF0000 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 #BF0000 looks like.

```
.text, #text, p{  
    color:#BF0000  
}
```

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 #BF0000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0000
}
```

Border

The CSS property to change the border of an element to Hex BF0000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

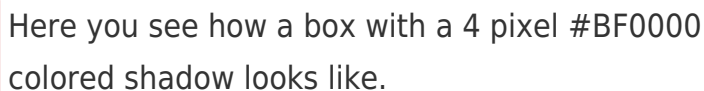
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF0000 }
```

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

```
.border{ border-color:#BF0000 }
```

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



Here you see how a box with a 4 pixel #BF0000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0000; -webkit-box-shadow:4px 4px  
4px 4px #BF0000; box-shadow:4px 4px 4px  
4px #BF0000 }
```

Background

The CSS property to change the background color of an element to Hex BF0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0000 }
```

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

```
.background{ background-color:#BF0000 }
```

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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