

Converting Colors

Hex(B00C00)

Have a look what the booklet for
Hex(B00C00) contains.

Hex(B00C00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(B00C00)

Conversions

Conversions Part 1

Format	Color
Hex	B00C00
RGB	176, 12, 0
RGB Percent	69%, 5%, 0%
CMY	0.3098, 0.9529, 1.0000
CMYK	0.00, 0.93, 1.00, 0.31
HSL	4°, 100%, 35%
HSV	4°, 100%, 69%
XYZ	18.0360, 9.4931, 0.8817
YIQ	59.6680, 101.5960, 31.0360

Conversions

Conversions Part 2

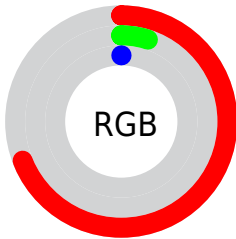
Format	Color
R _Y B	176, 13, 0
Decimal	11537408
CIE Lab	36.92, 59.23, 51.04
CIE LCh	37, 78.189, 40.749
Yxy	9.4931, 0.6348, 0.3341
Android (android.graphics.Color)	4289727488 (0xFFB00C00)
YUV	59.6680, -29.4163, 102.0232
Hunter-Lab	30.8108, 50.5711, 19.8708

Details

The Hex color **B00C00** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A4B0**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **F05232**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **B00C00**, and if you desaturate by 10%, it is **B01C12**.

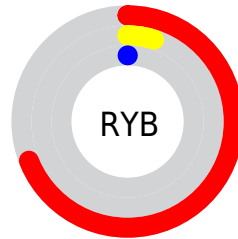
Distribution



Red (69%)

Green (5%)

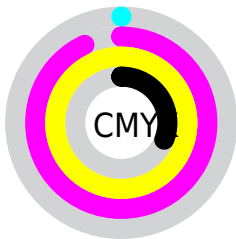
Blue (0%)



Red (69%)

Yellow (5%)

Blue (0%)

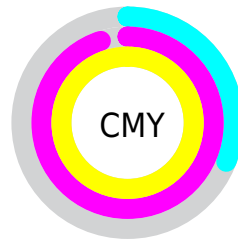


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B00C00 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 B00C00 by changing the saturation by 10% instead.

 B00C00

 B00C00

 FFFFEA

 910000

 F05232

 710000

 FF6E4A

 530000

 FF8A63

 360002

 FFA77C

 070000

 FFC396

 000000

 FFE1B2

 FFFECD

 B00C00

 B01C12

 B02D23

 B03D35

 B04E46

 B05E58

 B06E6A

 B07F7B

 B08F8D

 B0A09E

Harmonies

Analogous

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



BF0044



B00C00



8B4400

Triad

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



B00C00



006D29



0059D6

Complementary

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



B00C00



00A4B0

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.



0069D0



B00C00



006F6D

Square

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



B00C00



006800



006FA9



6F36B8

Rectangle

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



B00C00



695500



006FA9



0060D8

Sweetspot

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



B00C00



E6A5A1



B000A4



734C49



F2F2F2



737373

Same Dimension

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



B00C00



E61000



B06400



595150



990A00



1A0200

Inverse Universe

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



00A4B0



00D6E6



004CB0



505959



008F99



00181A

Previews

White Background



This preview shows how the Hex color B00C00 looks on a white background.

Color Contrast Check

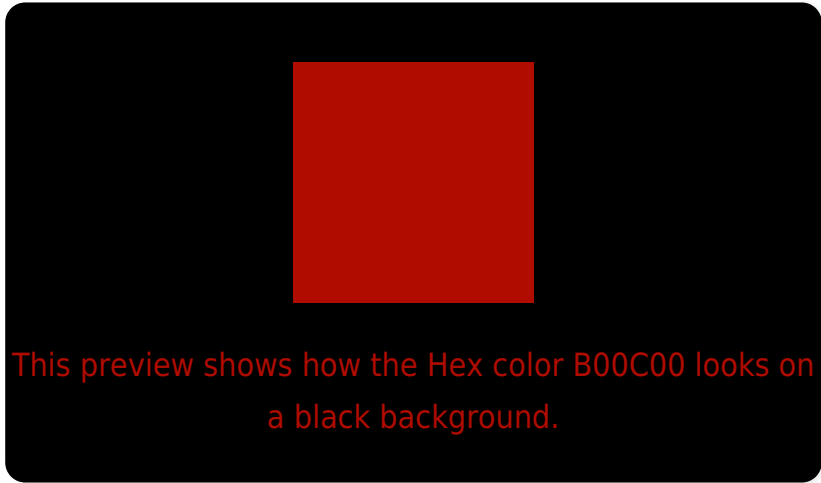
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 B00C00 Background



This preview shows how black text looks on a background with the Hex color B00C00.



This preview shows how white text looks on a background with the Hex color B00C00.

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
B00C00

Protanopia
645917

Deuteranopia
705500

Trichromacy



Original Color
B00C00

Protanomaly
803D0F

Deuteranomaly
873A00

Monochromacy



Original Color
B00C00

Achromatopsia
3C3C3C

Achromatomaly
662B26

CSS Examples

Text

The CSS property to change the color of the text to Hex B00C00 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 #B00C00 looks like.

```
.text, #text, p{  
    color:#B00C00  
}
```

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 #B00C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B00C00
}
```

Border

The CSS property to change the border of an element to Hex B00C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

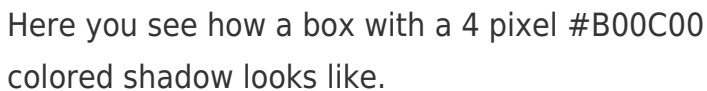
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B00C00 }
```

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

```
.border{ border-color:#B00C00 }
```

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



Here you see how a box with a 4 pixel `#B00C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B00C00; -webkit-box-shadow:4px 4px  
4px 4px #B00C00; box-shadow:4px 4px 4px  
4px #B00C00 }
```

Background

The CSS property to change the background color of an element to Hex B00C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B00C00 }
```

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

```
.background{ background-color:#B00C00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor