

Converting Colors

Hex(B00C18)

Have a look what the booklet for
Hex(B00C18) contains.

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Color

Hex(B00C18)

Conversions

Conversions Part 1

Format	Color
Hex	B00C18
RGB	176, 12, 24
RGB Percent	69%, 5%, 9%
CMY	0.3098, 0.9529, 0.9059
CMYK	0.00, 0.93, 0.86, 0.31
HSL	356°, 87%, 37%
HSV	356°, 93%, 69%
XYZ	18.2008, 9.5590, 1.7499
YIQ	62.4040, 93.8920, 38.5000

Conversions

Conversions Part 2

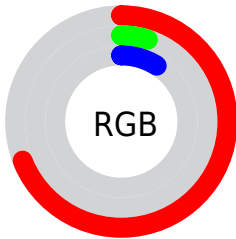
Format	Color
RYB	176, 12, 24
Decimal	11537432
CIELab	37.04, 59.58, 40.97
CIElCh	37, 72.309, 34.518
Yxy	9.5590, 0.6168, 0.3239
Android (android.graphics.Color)	4289727512 (0xFFB00C18)
YUV	62.4040, -18.9332, 99.6237
Hunter-Lab	30.9176, 50.9750, 18.2865

Details

The Hex color **B00C18** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0CB0A4**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **F05245**, and **720000** is the 20% darker color. If you saturate the color by 10%, you get **B0000D**, and if you desaturate by 10%, it is **B01E28**.

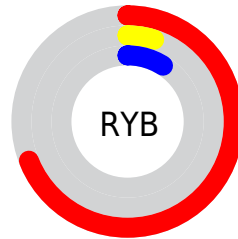
Distribution



Red (69%)

Green (5%)

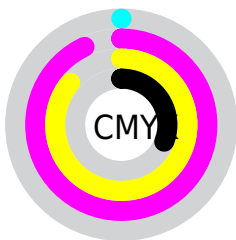
Blue (9%)



Red (69%)

Yellow (5%)

Blue (9%)

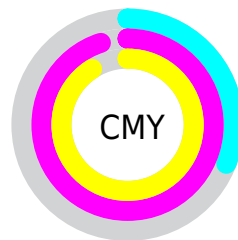


Cyan (0%)

Magenta (93%)

Yellow (86%)

Black (31%)



Cyan (31%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color B00C18 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 B00C18 by changing the saturation by 10% instead.

 B00C18

 B00C18

FFFFFF

 910000

 F05245

 720000

 FF6F5D

 530000

 FF8B76

 370002

 FFA790

 0A0000

 FFC4AB

 000000

 FFE1C6

 FFFF E2

 B00C18

 B00C18

 B0000D

 B01E28

 B02F39


 B04149

 B05259

 B0646A

 B0767A

 B0878A

 B0999A

 B0AAAB

Harmonies

Analogous

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



B80051



B00C18



913F00

Triad

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



B00C18



006B1F



005DCE

Complementary

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



B00C18



0CB0A4

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.



006AC2



B00C18



006E5F

Square

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



B00C18



206500



006E99



5A42B9

Rectangle

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



B00C18



745100



006E99



0063CD

Sweetspot

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



B00C18



E6A5AA



A20CB0



734C4F



F2F2F2



737373

Same Dimension

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



B00C18



E60011



B0500C



595051



99000B



1A0002

Inverse Universe

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



B00C18



E60011



0C6CB0



595051



99000B



1A0002

Previews

White Background



This preview shows how the Hex color B00C18 looks on a white background.

Color Contrast Check

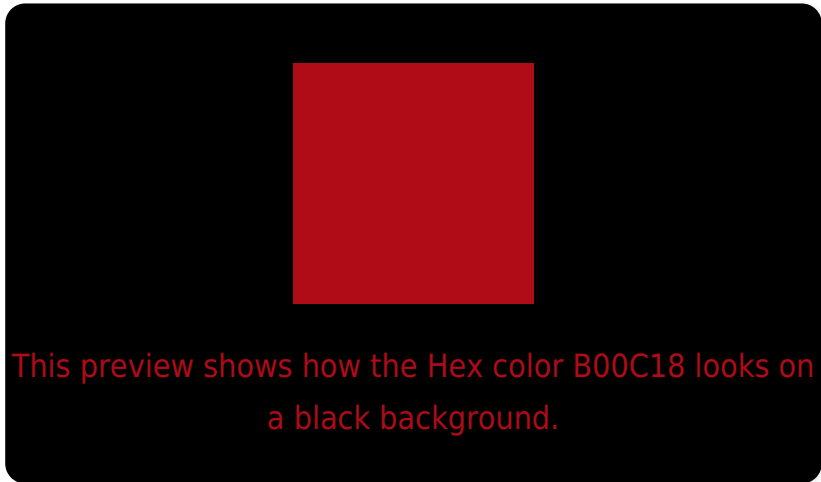
Large Text (above 18pt) WCAG AA ✓ Pass

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 B00C18 Background



This preview shows how black text looks on a background with the Hex color B00C18.



This preview shows how white text looks on a background with the Hex color B00C18.

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
B00C18

Protanopia
635928

Deuteranopia
715500



Tritanopia
B00F00

Trichromacy



Original Color
B00C18

Protanomaly
7F3D22

Deuteranomaly
883A09

Tritanomaly
B00E09

Monochromacy



Original Color
B00C18

Achromatopsia
3E3E3E

Achromatomaly
672C30

CSS Examples

Text

The CSS property to change the color of the text to Hex B00C18 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 #B00C18 looks like.

```
.text, #text, p{  
    color:#B00C18  
}
```

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 #B00C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B00C18
}
```

Border

The CSS property to change the border of an element to Hex B00C18 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
#B00C18 }
```

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

```
.border{ border-color:#B00C18 }
```

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

Here you see how a box with a 4 pixel #B00C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B00C18; -webkit-box-shadow:4px 4px  
4px 4px #B00C18; box-shadow:4px 4px 4px  
4px #B00C18 }
```

Background

The CSS property to change the background color of an element to Hex B00C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B00C18 }
```

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

```
.background{ background-color:#B00C18 }
```

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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