

Converting Colors

Hex(BD0C18)

Have a look what the booklet for
Hex(BD0C18) contains.

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Color

Hex(BD0C18)

Conversions

Conversions Part 1

Format	Color
Hex	BD0C18
RGB	189, 12, 24
RGB Percent	74%, 5%, 9%
CMY	0.2588, 0.9529, 0.9059
CMYK	0.00, 0.94, 0.87, 0.26
HSL	356°, 88%, 39%
HSV	356°, 94%, 74%
XYZ	21.2826, 11.1477, 1.8942
YIQ	66.2910, 101.6400, 41.2560

Conversions

Conversions Part 2

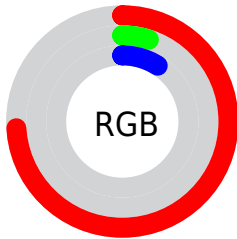
Format	Color
RYB	189, 12, 24
Decimal	12389400
CIELab	39.83, 62.98, 44.43
CIELCh	40, 77.079, 35.202
Yxy	11.1477, 0.6200, 0.3248
Android (android.graphics.Color)	4290579480 (0xFFBD0C18)
YUV	66.2910, -20.8495, 107.6158
Hunter-Lab	33.3882, 55.3518, 20.0081

Details

The Hex color **BD0C18** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **0CBDB1**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FE5546**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BD000D**, and if you desaturate by 10%, it is **BD1F2A**.

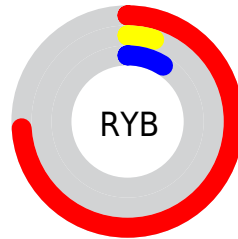
Distribution



Red (74%)

Green (5%)

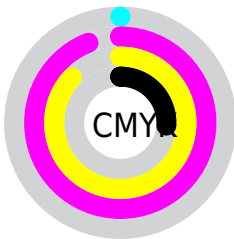
Blue (9%)



Red (74%)

Yellow (5%)

Blue (9%)

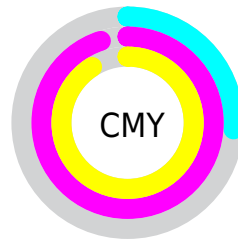


Cyan (0%)

Magenta (94%)

Yellow (87%)

Black (26%)



Cyan (26%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD0C18 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 BD0C18 by changing the saturation by 10% instead.

 BD0C18

 BD0C18

FFFFFF

 9D0000

 FE5546

 7E0000

 FF725E

 5F0000

 FF8F77

 430003

 FFAB91

 210001

 FFC8AC

 000000

 FFE6C7

 FFFF E3

 BD0C18

 BD0C18

 BD000D

 BD1F2A

 BD323B

 BD454D

 BD585E

 BD6B70

 BD7D82

 BD9093

 BDA3A5

 BDB6B7

Harmonies

Analogous

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



C70056



BD0C18



9B4500

Triad

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



BD0C18



007423



0064DE

Complementary

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



BDOC18



0CBDB1

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.



0072D2



BD0C18



007768

Square

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



BD0C18



1E6D00



0077A6



6346C7

Rectangle

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



BD0C18



7C5800



0077A6



006ADE

Sweetspot

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



BD0C18



F5B0B5



AE0CBD



7A5154



FAFAFA



7A7A7A

Same Dimension

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



BD0C18



F50011



BD560C



5E5556



9E000B



1F0002

Inverse Universe

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



BD0C18



F50011



0C73BD



5E5556



9E000B



1F0002

Previews

White Background



This preview shows how the Hex color BD0C18 looks on a white background.

Color Contrast Check

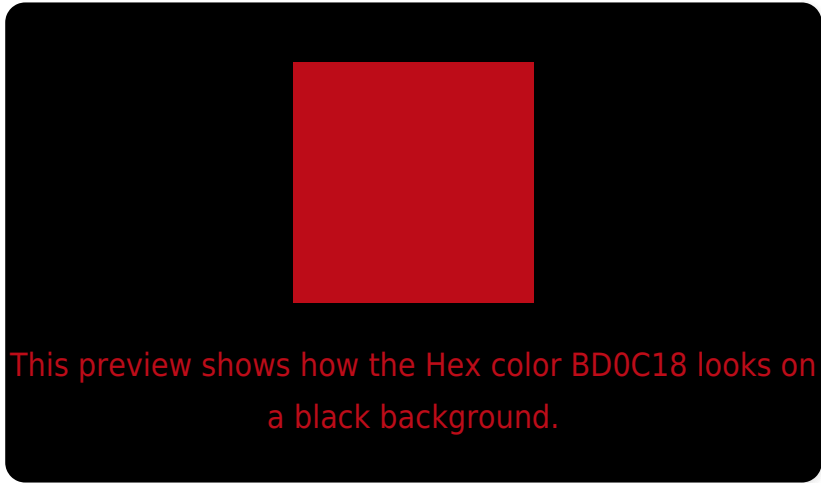
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD0C18 Background



This preview shows how black text looks on a background with the Hex color BD0C18.



This preview shows how white text looks on a background with the Hex color BD0C18.

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
BD0C18

Protanopia
6B6029

Deuteranopia
795B00



Tritanopia
BD1100

Trichromacy



Original Color
BD0C18

Protanomaly
894123

Deuteranomaly
923E09

Tritanomaly
BD0F09

Monochromacy



Original Color
BD0C18

Achromatopsia
424242

Achromatomaly
6F2E33

CSS Examples

Text

The CSS property to change the color of the text to Hex BD0C18 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 #BD0C18 looks like.

```
.text, #text, p{  
    color:#BD0C18  
}
```

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 #BD0C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0C18
}
```

Border

The CSS property to change the border of an element to Hex BD0C18 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".

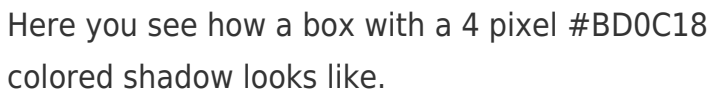
```
.border, #border, table{ border:4px solid
#BD0C18 }
```

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

```
.border{ border-color:#BD0C18 }
```

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

Here you see how a box with a 4 pixel #BD0C18 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0C18; -webkit-box-shadow:4px 4px  
4px 4px #BD0C18; box-shadow:4px 4px 4px  
4px #BD0C18 }
```

Background

The CSS property to change the background color of an element to Hex BD0C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0C18 }
```

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

```
.background{ background-color:#BD0C18 }
```

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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