

Converting Colors

Hex(BD1F00)

Have a look what the booklet for
Hex(BD1F00) contains.

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Color

Hex(BD1F00)

Conversions

Conversions Part 1

Format	Color
Hex	BD1F00
RGB	189, 31, 0
RGB Percent	74%, 12%, 0%
CMY	0.2588, 0.8784, 1.0000
CMYK	0.00, 0.84, 1.00, 0.26
HSL	10°, 100%, 37%
HSV	10°, 100%, 74%
XYZ	21.4763, 11.7988, 1.1455
YIQ	74.7080, 104.1190, 23.8550

Conversions

Conversions Part 2

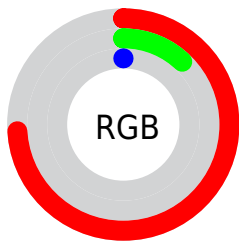
Format	Color
RYB	189, 37, 0
Decimal	12394240
CIELab	40.89, 59.30, 54.27
CIElCh	41, 80.389, 42.462
Yxy	11.7988, 0.6239, 0.3428
Android (android.graphics.Color)	4290584320 (0xFFBD1F00)
YUV	74.7080, -36.8310, 100.2341
Hunter-Lab	34.3494, 51.4922, 22.0674

Details

The Hex color **BD1F00** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **009EBD**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FE5D34**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BD1F00**, and if you desaturate by 10%, it is **BD2F13**.

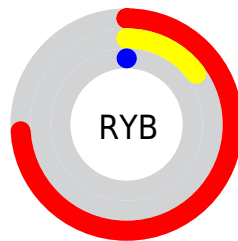
Distribution



Red (74%)

Green (12%)

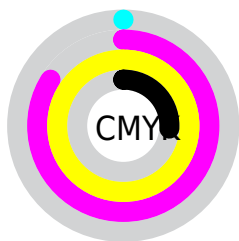
Blue (0%)



Red (74%)

Yellow (15%)

Blue (0%)

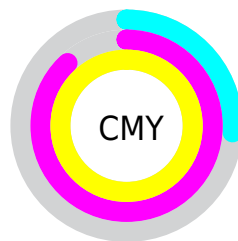


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD1F00 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 BD1F00 by changing the saturation by 10% instead.

 BD1F00

 BD1F00

 FFFFEF

 9D0000

 FE5D34

 7E0000

 FF794D

 5F0000

 FF9566

 430003

 FFB280

 220001

 FFCF9B

 000000

 FFECB6

 FFFFD2

 BD1F00

 BD2F13

 BD3F26

 BD4E39

 BD5E4C

 BD6E5F

 BD7E71

 BD8E84

 BD9D97

 BDADAA

Harmonies

Analogous

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



CE0049



BD1F00



954E00

Triad

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



BD1F00



007835



0061E4

Complementary

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



BD1F00



009EBD

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.



0073E0



BD1F00



007A7B

Square

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



BD1F00



007300



007AB9



803CC3

Rectangle

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



BD1F00



726000



007AB9



0069E7

Sweetspot

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



BD1F00



F5B7AB



BD00A1



7A564E



FAFAFA



7A7A7A

Same Dimension

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



BD1F00



F52800



BD7B00



5E5655



9E1A00



1F0500

Inverse Universe

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



009EBD



00CDF5



0042BD



555D5E



00849E



001A1F

Previews

White Background



This preview shows how the Hex color BD1F00 looks on a white background.

Color Contrast Check

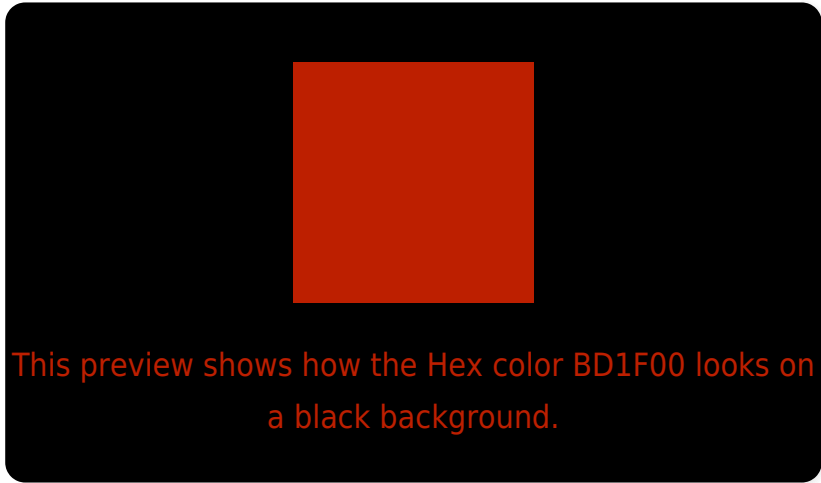
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD1F00 Background



This preview shows how black text looks on a background with the Hex color BD1F00.



This preview shows how white text looks on a background with the Hex color BD1F00.

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
BD1F00

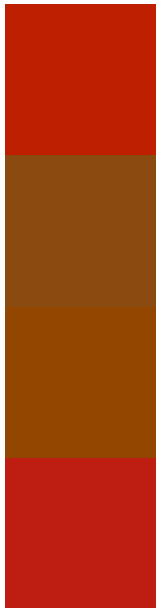
Protanopia
6E6217

Deuteranopia
7B5D00



Tritanopia
BD1D1B

Trichromacy



Original Color
BD1F00

Protanomaly
8B4A0F

Deuteranomaly
934600

Tritanomaly
BD1E11

Monochromacy



Original Color
BD1F00

Achromatopsia
4B4B4B

Achromatomaly
743B30

CSS Examples

Text

The CSS property to change the color of the text to Hex BD1F00 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 #BD1F00 looks like.

```
.text, #text, p{  
    color:#BD1F00  
}
```

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 #BD1F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD1F00
}
```

Border

The CSS property to change the border of an element to Hex BD1F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

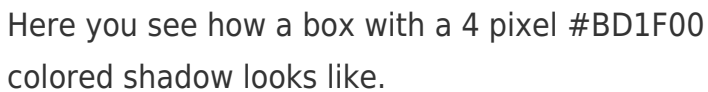
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD1F00 }
```

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

```
.border{ border-color:#BD1F00 }
```

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



Here you see how a box with a 4 pixel `#BD1F00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD1F00; -webkit-box-shadow:4px 4px  
4px 4px #BD1F00; box-shadow:4px 4px 4px  
4px #BD1F00 }
```

Background

The CSS property to change the background color of an element to Hex BD1F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD1F00 }
```

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

```
.background{ background-color:#BD1F00 }
```

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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