

# Converting Colors

Hex(BD1D0F)

Have a look what the booklet for  
Hex(BD1D0F) contains.

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# Color

**Hex(BD1D0F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD1D0F
RGB	189, 29, 15
RGB Percent	74%, 11%, 6%
CMY	0.2588, 0.8863, 0.9412
CMYK	0.00, 0.85, 0.92, 0.26
HSL	5°, 85%, 40%
HSV	5°, 92%, 74%
XYZ	21.5119, 11.7320, 1.5826
YIQ	75.2440, 99.8540, 29.5660

# Conversions

## Conversions Part 2

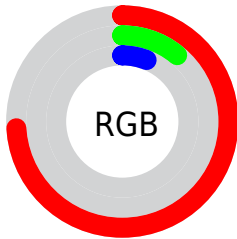
Format	Color
<a href="#">RYB</a>	189, 30, 15
Decimal	12393743
CIELab	40.79, 59.94, 49.10
CIElCh	41, 77.479, 39.324
Yxy	11.7320, 0.6177, 0.3369
Android (android.graphics.Color)	4290583823 (0xFFBD1D0F)
YUV	75.2440, -29.7003, 99.7640
Hunter-Lab	34.2521, 52.1650, 21.2369

# Details

The Hex color **BD1D0F** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **0FAFBD**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FE5C3F**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BD0F00**, and if you desaturate by 10%, it is **BD2E22**.

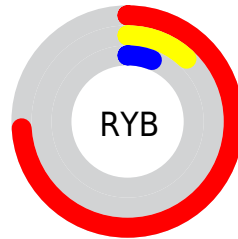
# Distribution



Red (74%)

Green (11%)

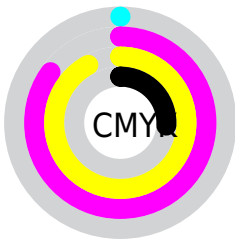
Blue (6%)



Red (74%)

Yellow (12%)

Blue (6%)

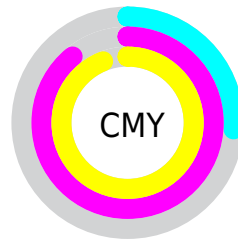


Cyan (0%)

Magenta (85%)

Yellow (92%)

Black (26%)



Cyan (26%)

Magenta (89%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD1D0F 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 BD1D0F by changing the saturation by 10% instead.



 BD1D0F

 BD1D0F

 FFFFFFF9

 9D0000

 FE5C3F

 7E0000

 FF7857

 5F0000

 FF9570

 430003

 FFB18A

 220001

 FFCEA5

 000000

 FFEBC0

 FFFFDC

 BD1D0F

 BD1D0F

 BD0F00

 BD2E22

 BD4035

 BD5148

 BD635B

 BD746E

 BD8580

 BD9793

 BDA8A6

 BDB9B9

# Harmonies

## Analogous

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



CB0050



BD1D0F



984C00

# Triad

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



BD1D0F



00772F



0063E0

# Complementary

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



BD1D0F



0FAFBD

# 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.



0073D9



BD1D0F



007973

# Square

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



BD1D0F



027100



0079B0



7543C4

# Rectangle

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



BD1D0F



775E00



0079B0



006AE2



# Sweetspot

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



BD1D0F



F5B6B0



BD0FB1



7A5451



FAFAFA



7A7A7A



# Same Dimension

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



BD1D0F



F51400



BD720F



5E5655



9E0D00



1F0200

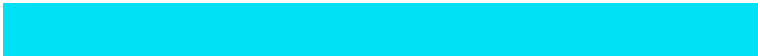


# Inverse Universe

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



0FAFBD



00E1F5



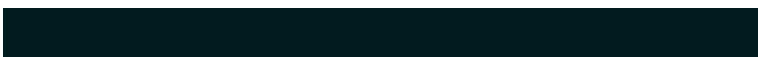
0F5ABD



555E5E



00919E



001C1F



# Previews

## White Background



This preview shows how the Hex color BD1D0F looks on a white background.

## Color Contrast Check

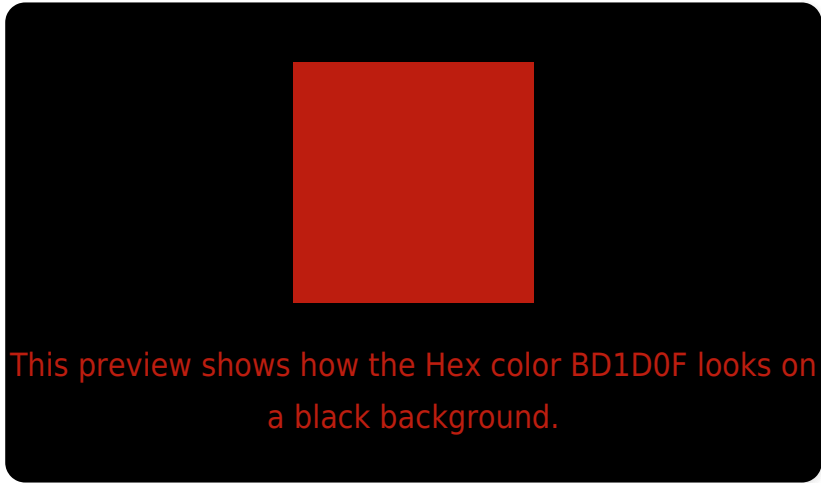
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD1D0F Background



This preview shows how black text looks on a background with the Hex color BD1D0F.

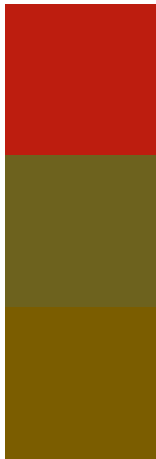


This preview shows how white text looks on a background with the Hex color BD1D0F.

# 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**  
BD1D0F

**Protanopia**  
6D621E

**Deuteranopia**  
7B5D00



# Trichromacy



**Original Color**  
BD1D0F

**Protanomaly**  
8A4919

**Deuteranomaly**  
934605

**Tritanomaly**  
BD1C15

# Monochromacy



**Original Color**  
BD1D0F

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
743A35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD1D0F 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 #BD1D0F looks like.

```
.text, #text, p{  
    color:#BD1D0F  
}
```

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 #BD1D0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD1D0F
}
```

## Border

The CSS property to change the border of an element to Hex BD1D0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

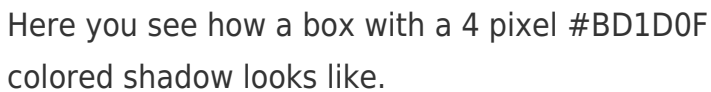
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD1D0F }
```

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

```
.border{ border-color:#BD1D0F }
```

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



Here you see how a box with a 4 pixel `#BD1D0F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD1D0F; -webkit-box-shadow:4px 4px  
4px 4px #BD1D0F; box-shadow:4px 4px 4px  
4px #BD1D0F }
```

# Background

The CSS property to change the background color of an element to Hex BD1D0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD1D0F }
```

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

```
.background{ background-color:#BD1D0F }
```

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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