

Converting Colors

Hex(BD1800)

Have a look what the booklet for
Hex(BD1800) contains.

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Color

Hex(BD1800)

Conversions

Conversions Part 1

Format	Color
Hex	BD1800
RGB	189, 24, 0
RGB Percent	74%, 9%, 0%
CMY	0.2588, 0.9059, 1.0000
CMYK	0.00, 0.87, 1.00, 0.26
HSL	8°, 100%, 37%
HSV	8°, 100%, 74%
XYZ	21.3129, 11.4721, 1.0910
YIQ	70.5990, 106.0440, 27.5160

Conversions

Conversions Part 2

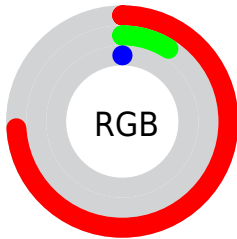
Format	Color
RYB	189, 27, 0
Decimal	12392448
CIELab	40.36, 60.81, 54.06
CIElCh	40, 81.371, 41.636
Yxy	11.4721, 0.6291, 0.3386
Android (android.graphics.Color)	4290582528 (0xFFBD1800)
YUV	70.5990, -34.8053, 103.8377
Hunter-Lab	33.8705, 53.0473, 21.7995

Details

The Hex color **BD1800** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **00A5BD**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FE5934**, and **7D0000** is the 20% darker color. If you saturate the color by 10%, you get **BD1800**, and if you desaturate by 10%, it is **BD2913**.

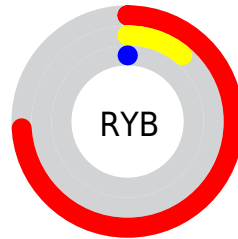
Distribution



Red (74%)

Green (9%)

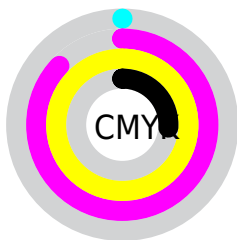
Blue (0%)



Red (74%)

Yellow (11%)

Blue (0%)

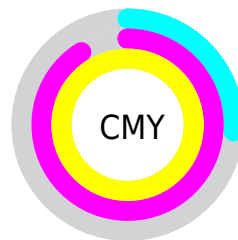


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD1800 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 BD1800 by changing the saturation by 10% instead.

 BD1800

 BD1800

 FFFFEE

 9D0000

 FE5934

 7D0000

 FF764C

 5E0000

 FF9265

 420003

 FFAF7F

 210001

 FFCC9A

 000000

 FFE9B5

 FFFFD1

 BD1800

 BD2913

 BD3926

 BD4A39

 BD5A4C

 BD6B5F

 BD7B71

 BD8C84

 BD9C97

 BDADAA

Harmonies

Analogous

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



CE0049



BD1800



954C00

Triad

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



BD1800



007731



0060E5

Complementary

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



BD1800



00A5BD

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.



0072E0



BD1800



007978

Square

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



BD1800



007100



0079B8



7C3BC4

Rectangle

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



BD1800



725E00



0079B8



0068E7

Sweetspot

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



BD1800



F5B5AB



BD00A7



7A544E



FAFAFA



7A7A7A

Same Dimension

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



BD1800



F51F00



BD7500



5E5655



9E1400



1F0400

Inverse Universe

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



00A5BD



00D6F5



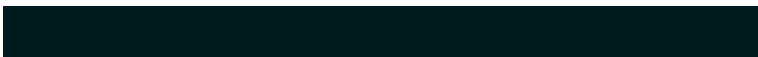
0048BD



555D5E



008A9E



001B1F

Previews

White Background



This preview shows how the Hex color BD1800 looks on a white background.

Color Contrast Check

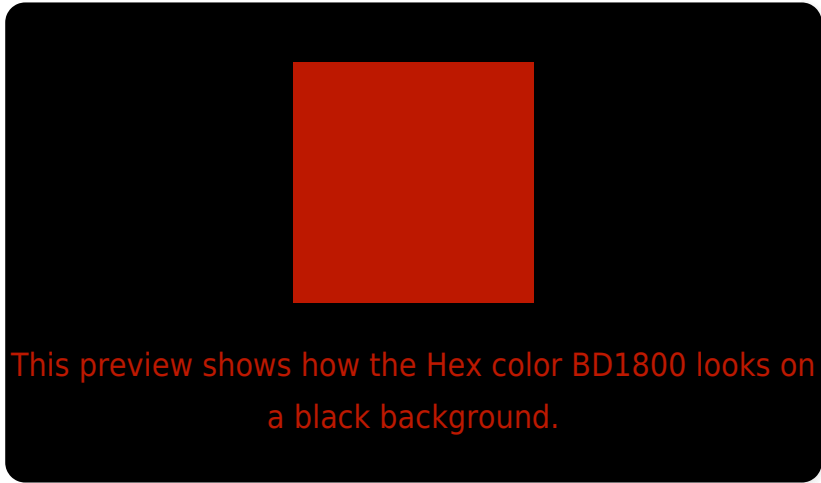
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD1800 Background



This preview shows how black text looks on a background with the Hex color BD1800.



This preview shows how white text looks on a background with the Hex color BD1800.

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
BD1800

Protanopia
6D6118

Deuteranopia
7A5C00



Trichromacy



Original Color
BD1800

Protanomaly
8A460F

Deuteranomaly
924300

Tritanomaly
BD170B

Monochromacy



Original Color
BD1800

Achromatopsia
474747

Achromatomaly
72362D

CSS Examples

Text

The CSS property to change the color of the text to Hex BD1800 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 #BD1800 looks like.

```
.text, #text, p{  
    color:#BD1800  
}
```

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 #BD1800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD1800
}
```

Border

The CSS property to change the border of an element to Hex BD1800 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
#BD1800 }
```

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

```
.border{ border-color:#BD1800 }
```

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

Here you see how a box with a 4 pixel #BD1800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD1800; -webkit-box-shadow:4px 4px  
4px 4px #BD1800; box-shadow:4px 4px 4px  
4px #BD1800 }
```

Background

The CSS property to change the background color of an element to Hex BD1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD1800 }
```

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

```
.background{ background-color:#BD1800 }
```

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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