

Converting Colors

Hex(BD2100)

Have a look what the booklet for
Hex(BD2100) contains.

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Color

Hex(BD2100)

Conversions

Conversions Part 1

Format	Color
Hex	BD2100
RGB	189, 33, 0
RGB Percent	74%, 13%, 0%
CMY	0.2588, 0.8706, 1.0000
CMYK	0.00, 0.83, 1.00, 0.26
HSL	10°, 100%, 37%
HSV	10°, 100%, 74%
XYZ	21.5301, 11.9065, 1.1634
YIQ	75.8820, 103.5690, 22.8090

Conversions

Conversions Part 2

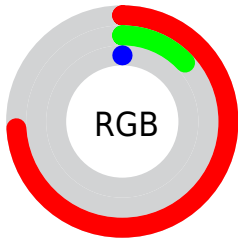
Format	Color
RYB	189, 40, 0
Decimal	12394752
CIELab	41.07, 58.81, 54.34
CIELCh	41, 80.075, 42.736
Yxy	11.9065, 0.6223, 0.3441
Android (android.graphics.Color)	4290584832 (0xFFBD2100)
YUV	75.8820, -37.4098, 99.2045
Hunter-Lab	34.5058, 50.9909, 22.1550

Details

The Hex color **BD2100** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **009CBD**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FE5E35**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BD2100**, and if you desaturate by 10%, it is **BD3113**.

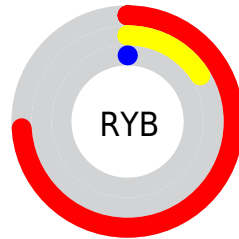
Distribution



Red (74%)

Green (13%)

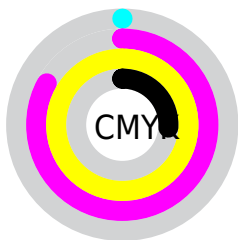
Blue (0%)



Red (74%)

Yellow (16%)

Blue (0%)

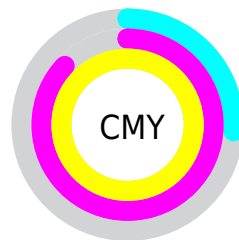


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2100 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 BD2100 by changing the saturation by 10% instead.

 BD2100

 BD2100

 FFFFEF

 9D0000

 FE5E35

 7E0000

 FF7A4D

 5F0000

 FF9666

 430002

 FFB380

 220001

 FFD09B

 000000

 FFEDB6

 FFFF D2

 BD2100

 BD3113

 BD4026

 BD5039

 BD5F4C

 BD6F5F

 BD7F71

 BD8E84

 BD9E97

 BDADAA

Harmonies

Analogous

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



CE0049



BD2100



954F00

Triad

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



BD2100



007937



0061E4

Complementary

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



BD2100



009CBD

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.



0073E1



BD2100



007B7C

Square

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



BD2100



007300



007ABA



813CC3

Rectangle

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



BD2100



726100



007ABA



0069E7

Sweetspot

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



BD2100



F5B8AB



BD009D



7A564E



FAFAFA



7A7A7A

Same Dimension

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



BD2100



F52B00



BD7E00



5E5755



9E1C00



1F0500

Inverse Universe

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



009CBD



00CAF5



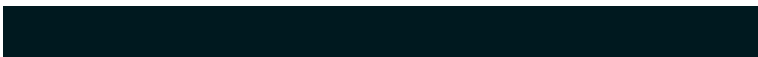
003FBD



555D5E



00829E



00191F

Previews

White Background



This preview shows how the Hex color BD2100 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 BD2100 Background



This preview shows how black text looks on a background with the Hex color BD2100.



This preview shows how white text looks on a background with the Hex color BD2100.

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
BD2100

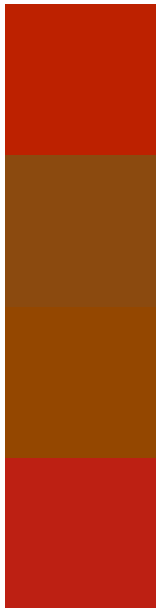
Protanopia
6E6217

Deuteranopia
7C5D00



Tritanopia
BD1F1E

Trichromacy



Original Color
BD2100

Protanomaly
8B4A0F

Deuteranomaly
944700

Tritanomaly
BD2013

Monochromacy



Original Color
BD2100

Achromatopsia
4C4C4C

Achromatomaly
753C30

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2100 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 #BD2100 looks like.

```
.text, #text, p{  
    color:#BD2100  
}
```

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 #BD2100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2100
}
```

Border

The CSS property to change the border of an element to Hex BD2100 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
#BD2100 }
```

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

```
.border{ border-color:#BD2100 }
```

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

Here you see how a box with a 4 pixel #BD2100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2100; -webkit-box-shadow:4px 4px  
4px 4px #BD2100; box-shadow:4px 4px 4px  
4px #BD2100 }
```

Background

The CSS property to change the background color of an element to Hex BD2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2100 }
```

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

```
.background{ background-color:#BD2100 }
```

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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