

Converting Colors

Hex(BD2121)

Have a look what the booklet for
Hex(BD2121) contains.

Hex(BD2121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BD2121)

Conversions

Conversions Part 1

Format	Color
Hex	BD2121
RGB	189, 33, 33
RGB Percent	74%, 13%, 13%
CMY	0.2588, 0.8706, 0.8706
CMYK	0.00, 0.83, 0.83, 0.26
HSL	0°, 70%, 44%
HSV	0°, 83%, 74%
XYZ	21.8046, 12.0163, 2.6090
YIQ	79.6440, 92.9760, 33.0720

Conversions

Conversions Part 2

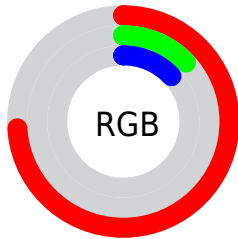
Format	Color
R _Y B	189, 33, 33
Decimal	12394785
CIE Lab	41.24, 59.35, 41.03
CIE LCh	41, 72.155, 34.659
Yxy	12.0163, 0.5985, 0.3298
Android (android.graphics.Color)	4290584865 (0xFFBD2121)
YUV	79.6440, -22.9955, 95.9052
Hunter-Lab	34.6646, 51.6166, 19.8028

Details

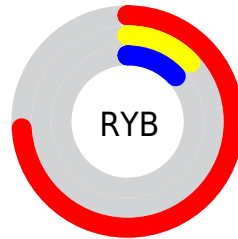
The Hex color **BD2121** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **21BDBD**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FD5F4F**, and **7F0000** is the 20% darker color. If you saturate the color by 10%, you get **BD0E0E**, and if you desaturate by 10%, it is **BD3434**.

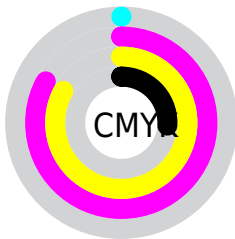
Distribution



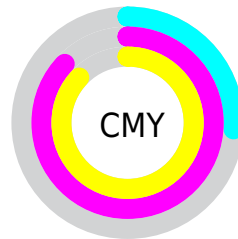
- Red (74%)
- Green (13%)
- Blue (13%)



- Red (74%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (83%)
- Yellow (83%)
- Black (26%)



- Cyan (26%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2121 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 BD2121 by changing the saturation by 10% instead.

 BD2121

 BD2121

FFFFFF

 9E000B

 FD5F4F

 7F0000

 FF7B67

 600000

 FF9781

 430002

 FFB39B

 230001

 FFD0B6

 000000

 FFEED2

 FFFFEE

 BD2121

 BD2121

 BD0E0E

 BD3434

 BD0000

 BD4747

 BD5A5A

 BD6D6D

 BD8080

 BD9292

 BDA5A5

 BDB8B8

 BDCBCB

Harmonies

Analogous

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



C5005B



BD2121



9E4A00

Triad

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



BD2121



00772A



0067D9

Complementary

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



BD2121



21BDBD

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.



0074CD



BD2121



007969

Square

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



BD2121



2C7000



0079A4



674CC4

Rectangle

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



BD2121



805B00



0079A4



006DD9

Sweetspot

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



BD2121



F5B8B8



BD21BD



7A5656



FAFAFA



7A7A7A

Same Dimension

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



BD2121



F50202



BD6F21



5E5555



9E0000



1F0000

Inverse Universe

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



21BDBD



02F5F5



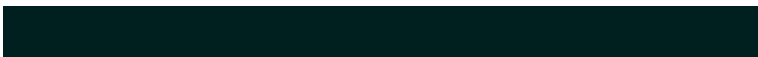
216FBD



555E5E



009E9E



001F1F

Previews

White Background



This preview shows how the Hex color BD2121 looks on a white background.

Color Contrast Check

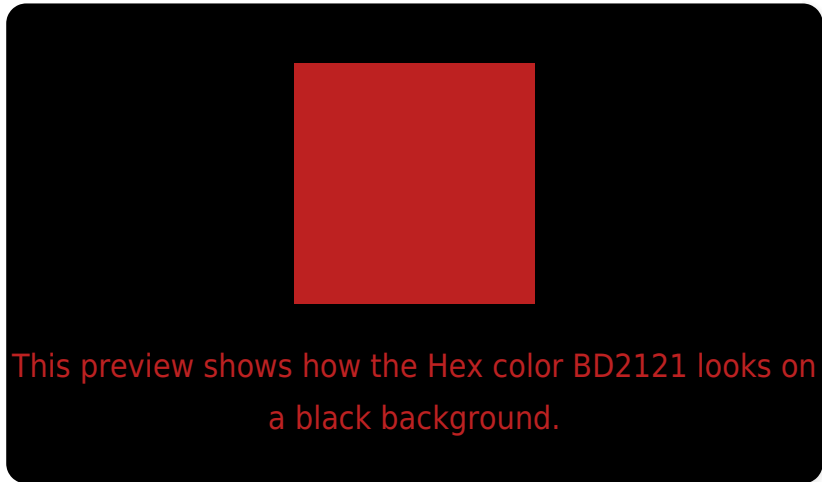
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2121 Background



This preview shows how black text looks on a background with the Hex color BD2121.



This preview shows how white text looks on a background with the Hex color BD2121.

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

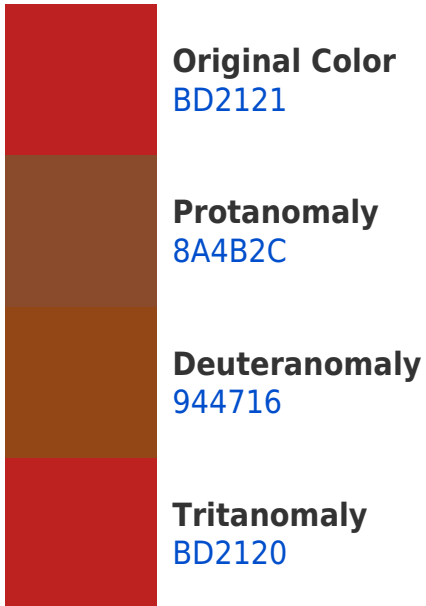


Original Color
BD2121

Protanopia
6D6332

Deuteranopia
7C5D10

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD2121 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 #BD2121 looks like.

```
.text, #text, p{  
    color:#BD2121  
}
```

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 #BD2121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2121
}
```

Border

The CSS property to change the border of an element to Hex BD2121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

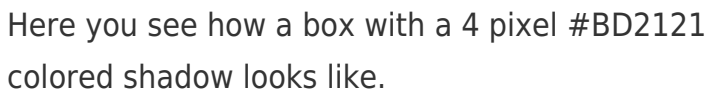
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD2121 }
```

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

```
.border{ border-color:#BD2121 }
```

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



Here you see how a box with a 4 pixel `#BD2121` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2121; -webkit-box-shadow:4px 4px  
4px 4px #BD2121; box-shadow:4px 4px 4px  
4px #BD2121 }
```

Background

The CSS property to change the background color of an element to Hex BD2121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2121 }
```

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

```
.background{ background-color:#BD2121 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor