

Converting Colors

Hex(BD2228)

Have a look what the booklet for
Hex(BD2228) contains.

Hex(BD2228)	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(BD2228)

Conversions

Conversions Part 1

Format	Color
Hex	BD2228
RGB	189, 34, 40
RGB Percent	74%, 13%, 16%
CMY	0.2588, 0.8667, 0.8431
CMYK	0.00, 0.82, 0.79, 0.26
HSL	358°, 70%, 44%
HSV	358°, 82%, 74%
XYZ	21.9413, 12.1161, 3.1897
YIQ	81.0290, 90.4540, 34.7260

Conversions

Conversions Part 2

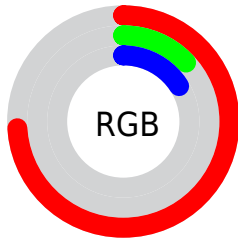
Format	Color
RYB	189, 34, 40
Decimal	12395048
CIELab	41.40, 59.31, 37.31
CIElCh	41, 70.069, 32.175
Yxy	12.1161, 0.5891, 0.3253
Android (android.graphics.Color)	4290585128 (0xFFBD2228)
YUV	81.0290, -20.2273, 94.6906
Hunter-Lab	34.8081, 51.6031, 18.9326

Details

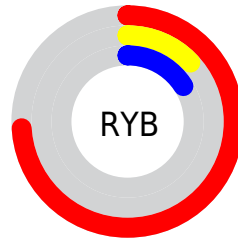
The Hex color **BD2228** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **22BDB7**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FD5F56**, and **7F0000** is the 20% darker color. If you saturate the color by 10%, you get **BD0F16**, and if you desaturate by 10%, it is **BD353A**.

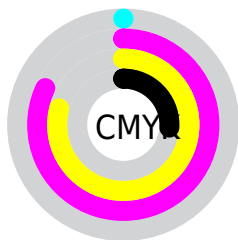
Distribution



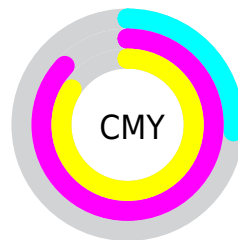
- Red (74%)
- Green (13%)
- Blue (16%)



- Red (74%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (79%)
- Black (26%)



- Cyan (26%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2228 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 BD2228 by changing the saturation by 10% instead.

 BD2228

 BD2228

FFFFFF

 9E0013

 FD5F56

 7F0000

 FF7B6F

 600000

 FF9888

 440002

 FFB4A2

 240001

 FFD1BE

 000000

 FFEFD9

 FFFFF6

 BD2228

 BD2228

 BD0F16

 BD353A

 BD0007

 BD484C

 BD5B5F

 BD6E71

 BD8183

 BD9395

 BDA6A7

 BDB9B9

 BDCCCC

Harmonies

Analogous

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



C20060



BD2228



A04800

Triad

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



BD2228



007627



0068D7

Complementary

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



BD2228



22BDB7

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.



0075C8



BD2228



007964

Square

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



BD2228



376F00



00799E



5F50C5

Rectangle

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



BD2228



845A00



00799E



006ED5

Sweetspot

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



BD2228



F5B8BA



B522BD



7A5657



FAFAFA



7A7A7A

Same Dimension

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



BD2228



F5050E



BD6822



5E5555



9E0006



1F0001

Inverse Universe

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



BD2228



F5050E



2277BD



5E5555



9E0006



1F0001

Previews

White Background



This preview shows how the Hex color BD2228 looks on a white background.

Color Contrast Check

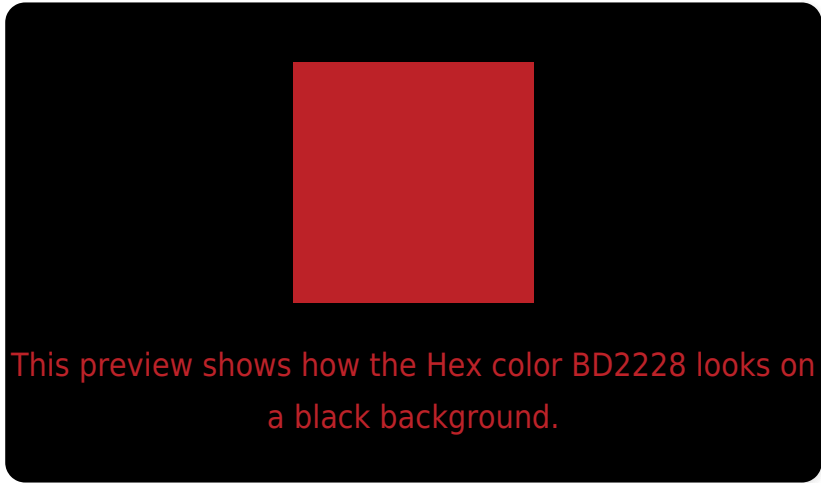
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2228 Background



This preview shows how black text looks on a background with the Hex color BD2228.



This preview shows how white text looks on a background with the Hex color BD2228.

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



Trichromacy



Original Color
BD2228

Protanomaly
894B33

Deuteranomaly
944820

Tritanomaly
BD2324

Monochromacy



Original Color
BD2228

Achromatopsia
515151

Achromatomaly
784042

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2228 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 #BD2228 looks like.

```
.text, #text, p{  
    color:#BD2228  
}
```

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 #BD2228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2228
}
```

Border

The CSS property to change the border of an element to Hex BD2228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

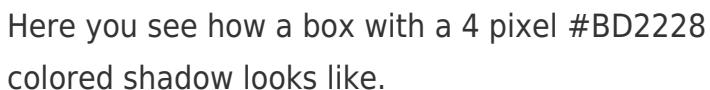
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD2228 }
```

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

```
.border{ border-color:#BD2228 }
```

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



Here you see how a box with a 4 pixel `#BD2228` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2228; -webkit-box-shadow:4px 4px  
4px 4px #BD2228; box-shadow:4px 4px 4px  
4px #BD2228 }
```

Background

The CSS property to change the background color of an element to Hex BD2228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2228 }
```

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

```
.background{ background-color:#BD2228 }
```

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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