

Converting Colors

Hex(BD2633)

Have a look what the booklet for
Hex(BD2633) contains.

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Color

Hex(BD2633)

Conversions

Conversions Part 1

Format	Color
Hex	BD2633
RGB	189, 38, 51
RGB Percent	74%, 15%, 20%
CMY	0.2588, 0.8510, 0.8000
CMYK	0.00, 0.80, 0.73, 0.26
HSL	355°, 67%, 45%
HSV	355°, 80%, 74%
XYZ	22.2769, 12.4441, 4.3598
YIQ	84.6310, 85.8230, 36.0550

Conversions

Conversions Part 2

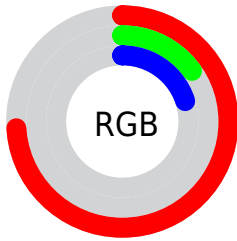
Format	Color
RYB	189, 38, 51
Decimal	12396083
CIELab	41.91, 58.65, 31.43
CIELCh	42, 66.541, 28.185
Yxy	12.4441, 0.5700, 0.3184
Android (android.graphics.Color)	4290586163 (0xFFBD2633)
YUV	84.6310, -16.5801, 91.5316
Hunter-Lab	35.2761, 50.9897, 17.3656

Details

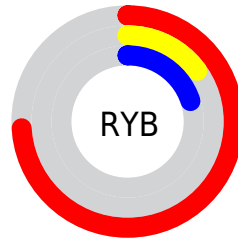
The Hex color **BD2633** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **26BDB0**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FC6262**, and **7F0007** is the 20% darker color. If you saturate the color by 10%, you get **BD1322**, and if you desaturate by 10%, it is **BD3944**.

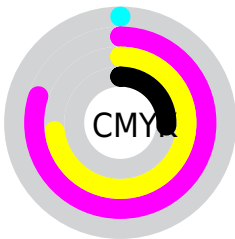
Distribution



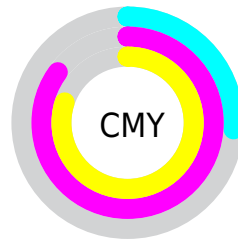
- Red (74%)
- Green (15%)
- Blue (20%)



- Red (74%)
- Yellow (15%)
- Blue (20%)



- Cyan (0%)
- Magenta (80%)
- Yellow (73%)
- Black (26%)



- Cyan (26%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2633 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 BD2633 by changing the saturation by 10% instead.

 BD2633

 BD2633

FFFFFF

 9E001E

 FC6262

 7F0007

 FF7E7A

 610000

 FF9A94

 440002

 FFB7AF

 250001

 FFD4CA

 000000

 FFF1E7

 BD2633

 BD2633

 BD1322

 BD3944

 BD0010

 BD4C56

 BD5F67

 BD7278

 BD8489

 BD979B

 BDAAAC

 BDBDBD

 BDD0CE

Harmonies

Analogous

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



BE1369



BD2633



A44700

Triad

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



BD2633



007623



006BD2

Complementary

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



BD2633



26BDB0

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.



0076C0



BD2633



007A5E

Square

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



BD2633



456E00



007A96



5356C5

Rectangle

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



BD2633



8A5900



007A96



0070CF

Sweetspot

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



BD2633



F5BABF



AE26BD



7A575A



FAFAFA



7A7A7A

Same Dimension

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



BD2633



F50A1E



BD6226



5E5556



9E000E



1F0003

Inverse Universe

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



BD2633



F50A1E



2681BD



5E5556



9E000E



1F0003

Previews

White Background



This preview shows how the Hex color BD2633 looks on a white background.

Color Contrast Check

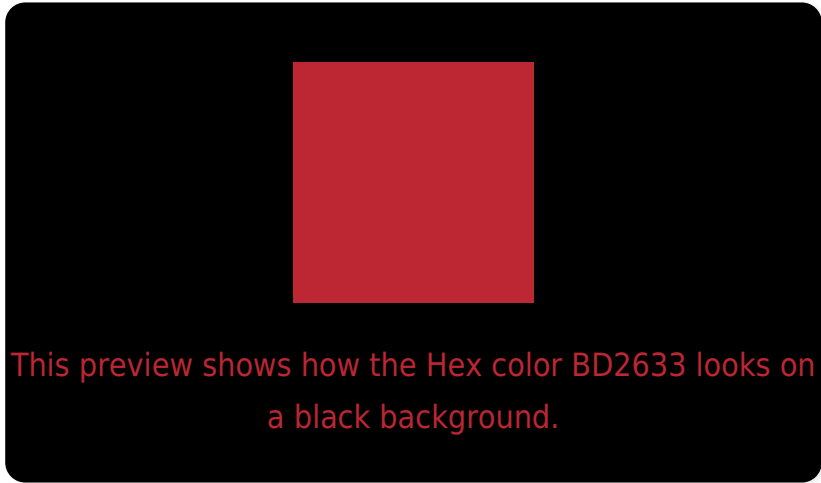
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2633 Background



This preview shows how black text looks on a background with the Hex color BD2633.

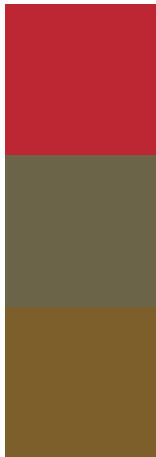


This preview shows how white text looks on a background with the Hex color BD2633.

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

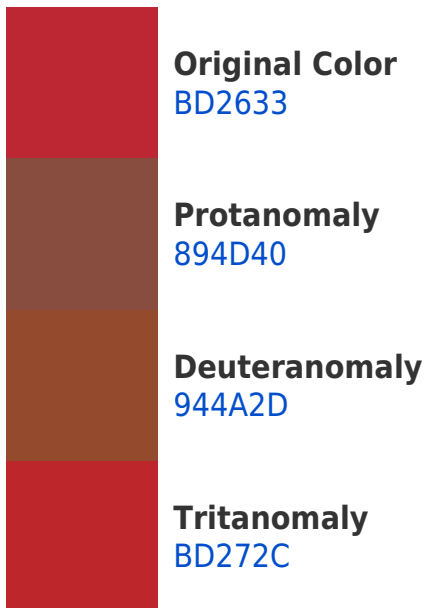


Original Color
BD2633

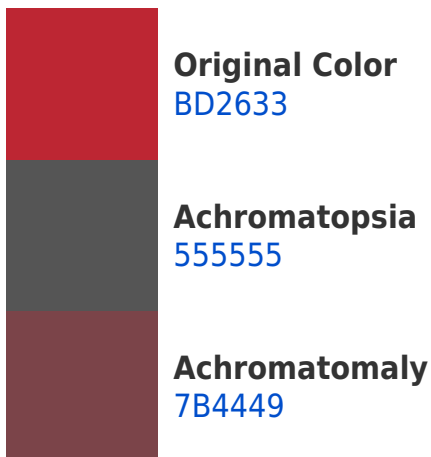
Protanopia
6C6448

Deuteranopia
7C5F2A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD2633 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 #BD2633 looks like.

```
.text, #text, p{  
    color:#BD2633  
}
```

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 #BD2633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2633
}
```

Border

The CSS property to change the border of an element to Hex BD2633 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
#BD2633 }
```

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

```
.border{ border-color:#BD2633 }
```

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

Here you see how a box with a 4 pixel #BD2633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2633; -webkit-box-shadow:4px 4px  
4px 4px #BD2633; box-shadow:4px 4px 4px  
4px #BD2633 }
```

Background

The CSS property to change the background color of an element to Hex BD2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2633 }
```

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

```
.background{ background-color:#BD2633 }
```

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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