

Converting Colors

Hex(BD0308)

Have a look what the booklet for
Hex(BD0308) contains.

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Color

Hex(BD0308)

Conversions

Conversions Part 1

Format	Color
Hex	BD0308
RGB	189, 3, 8
RGB Percent	74%, 1%, 3%
CMY	0.2588, 0.9882, 0.9686
CMYK	0.00, 0.98, 0.96, 0.26
HSL	358°, 97%, 38%
HSV	358°, 98%, 74%
XYZ	21.0627, 10.9015, 1.2238
YIQ	59.1840, 109.2510, 40.9870

Conversions

Conversions Part 2

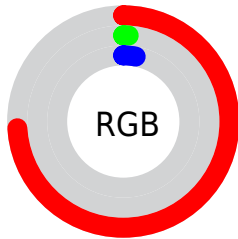
Format	Color
RYB	189, 3, 8
Decimal	12387080
CIELab	39.41, 63.72, 50.74
CIELCh	39, 81.453, 38.532
Yxy	10.9015, 0.6346, 0.3285
Android (android.graphics.Color)	4290577160 (0xFFBD0308)
YUV	59.1840, -25.2337, 113.8486
Hunter-Lab	33.0174, 56.0894, 20.9146

Details

The Hex color **BD0308** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **03BDB8**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **FE5239**, and **7D0000** is the 20% darker color. If you saturate the color by 10%, you get **BD0005**, and if you desaturate by 10%, it is **BD161A**.

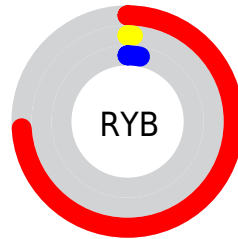
Distribution



Red (74%)

Green (1%)

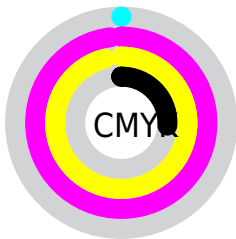
Blue (3%)



Red (74%)

Yellow (1%)

Blue (3%)

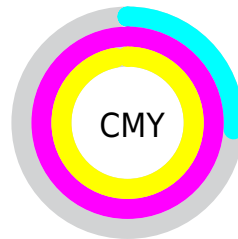


Cyan (0%)

Magenta (98%)

Yellow (96%)

Black (26%)



Cyan (26%)

Magenta (99%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD0308 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 BD0308 by changing the saturation by 10% instead.

 BD0308

 BD0308

 FFFFF2

 9D0000

 FE5239

 7D0000

 FF6F51

 5E0000

 FF8C6A

 420003

 FFA984

 200001

 FFC69E

 000000

 FFE3B9

 FFFF5D

 BD0308

 BD0308

 BD0005

 BD161A

 BD292D

 BD3C3F

 BD4F52

 BD6264

 BD7476

 BD8789

 BD9A9B

 BDADAE

Harmonies

Analogous

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



CB004D



BD0308



974600

Triad

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



BD0308



007427



0061E3

Complementary

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



BD0308



03BDB8

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.



0071DB



BD0308



00766F

Square

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



BD0308



006E00



0076AF



6E3EC7

Rectangle

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



BD0308



755A00



0076AF



0068E5

Sweetspot

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



BD0308



F5ABAD



B703BD



7A4E50



FAFAFA



7A7A7A

Same Dimension

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



BD0308



F50007



BD5A03



5E5555



9E0004



1F0001

Inverse Universe

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



BD0308



F50007



0366BD



5E5555



9E0004



1F0001

Previews

White Background



This preview shows how the Hex color BD0308 looks on a white background.

Color Contrast Check

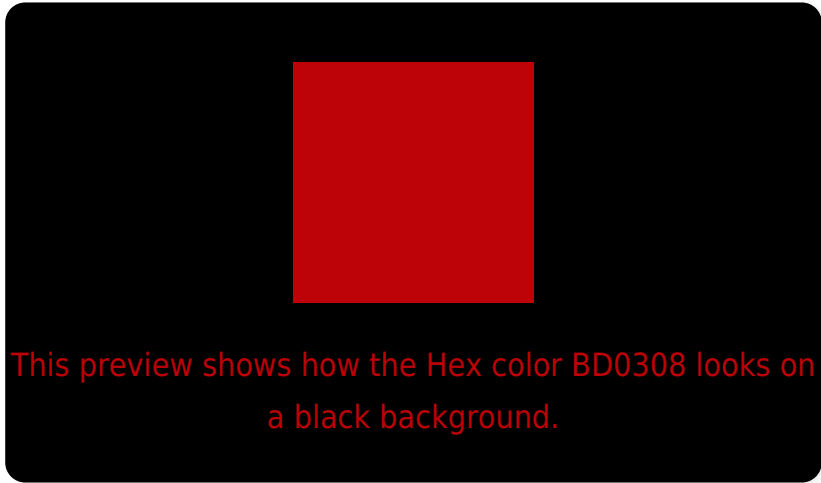
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD0308 Background



This preview shows how black text looks on a background with the Hex color BD0308.



This preview shows how white text looks on a background with the Hex color BD0308.

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

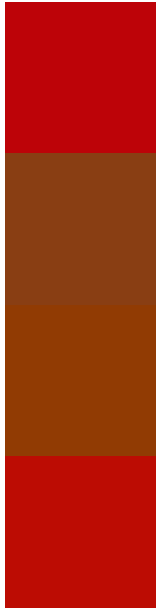


Original Color
BD0308

Protanopia
6B601A

Deuteranopia
785B00

Trichromacy



Original Color
BD0308

Protanomaly
893E13

Deuteranomaly
913B03

Tritanomaly
BC0C03

Monochromacy



Original Color
BD0308

Achromatopsia
3B3B3B

Achromatomaly
6A2728

CSS Examples

Text

The CSS property to change the color of the text to Hex BD0308 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 #BD0308 looks like.

```
.text, #text, p{  
    color:#BD0308  
}
```

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 #BD0308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0308
}
```

Border

The CSS property to change the border of an element to Hex BD0308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

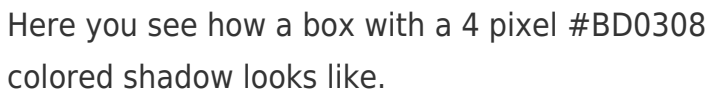
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD0308 }
```

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

```
.border{ border-color:#BD0308 }
```

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



Here you see how a box with a 4 pixel #BD0308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0308; -webkit-box-shadow:4px 4px  
4px 4px #BD0308; box-shadow:4px 4px 4px  
4px #BD0308 }
```

Background

The CSS property to change the background color of an element to Hex BD0308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0308 }
```

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

```
.background{ background-color:#BD0308 }
```

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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