

Converting Colors

Hex(BD2F30)

Have a look what the booklet for
Hex(BD2F30) contains.

Hex(BD2F30)	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(BD2F30)

Conversions

Conversions Part 1

Format	Color
Hex	BD2F30
RGB	189, 47, 48
RGB Percent	74%, 18%, 19%
CMY	0.2588, 0.8157, 0.8118
CMYK	0.00, 0.75, 0.75, 0.26
HSL	360°, 60%, 46%
HSV	360°, 75%, 74%
XYZ	22.5363, 13.0652, 4.1304
YIQ	89.5720, 84.3110, 30.4150

Conversions

Conversions Part 2

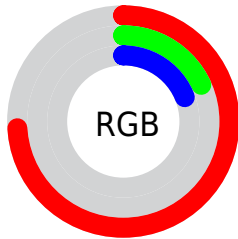
Format	Color
RYB	189, 47, 48
Decimal	12398384
CIELab	42.86, 55.76, 34.28
CIELCh	43, 65.454, 31.587
Yxy	13.0652, 0.5672, 0.3288
Android (android.graphics.Color)	4290588464 (0xFFBD2F30)
YUV	89.5720, -20.4950, 87.1984
Hunter-Lab	36.1459, 48.0361, 18.5271

Details

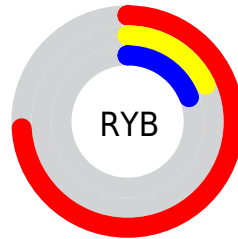
The Hex color **BD2F30** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2FBDBC**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FC685F**, and **800003** is the 20% darker color. If you saturate the color by 10%, you get **BD1C1D**, and if you desaturate by 10%, it is **BD4243**.

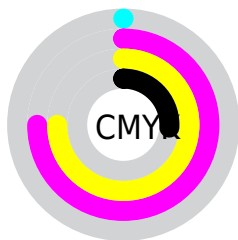
Distribution



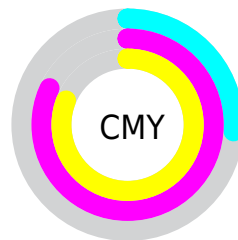
- Red (74%)
- Green (18%)
- Blue (19%)



- Red (74%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (75%)
- Yellow (75%)
- Black (26%)



- Cyan (26%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2F30 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 BD2F30 by changing the saturation by 10% instead.

 BD2F30

 BD2F30

FFFFFF

 9E051B

 FC685F

 800003

 FF8477

 610000

 FFA091

 440001

 FFBCAC

 260001

 FFD9C7

 000000

 FFF7E3

 BD2F30

 BD2F30

 BD1C1D

 BD4243

 BD090A

 BD5556

 BD0001

 BD6868

 BD7B7B

 BD8E8E

 BDA0A1

 BDB3B3

 BDC6C6

 BDD9D9

Harmonies

Analogous

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



C11B65



BD2F30



A24E00

Triad

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



BD2F30



00792D



006BD3

Complementary

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



BD2F30



2FBDBC

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.



0078C5



BD2F30



007C67

Square

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



BD2F30



417200



007C9D



6355C3

Rectangle

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



BD2F30



885E00



007C9D



0071D1

Sweetspot

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



BD2F30



F5BCBD



BB2FBD



7A5858



FAFAFA



7A7A7A

Same Dimension

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



BD2F30



F5181A



BD742F



5E5555



9E0001



1F0000

Inverse Universe

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



BD2F30



F5181A



2F78BD



5E5555



9E0001



1F0000

Previews

White Background



This preview shows how the Hex color BD2F30 looks on a white background.

Color Contrast Check

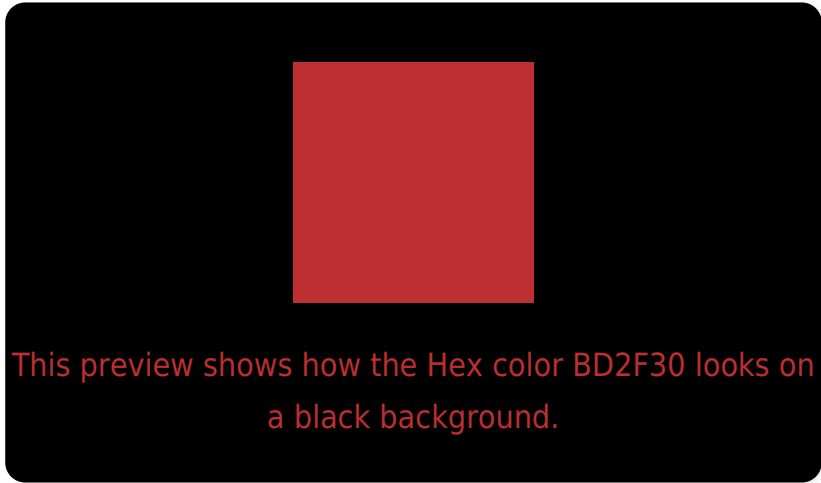
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2F30 Background



This preview shows how black text looks on a background with the Hex color BD2F30.



This preview shows how white text looks on a background with the Hex color BD2F30.

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
BD2F30

Protanopia
6F6642

Deuteranopia
7F6127



Tritanopia
BD2F30

Trichromacy



Original Color
BD2F30

Protanomaly
8B523B

Deuteranomaly
964F2A

Tritanomaly
BD2F30

Monochromacy



Original Color
BD2F30

Achromatopsia
5A5A5A

Achromatomaly
7E4A4B

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2F30 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 #BD2F30 looks like.

```
.text, #text, p{  
    color:#BD2F30  
}
```

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 #BD2F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2F30
}
```

Border

The CSS property to change the border of an element to Hex BD2F30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

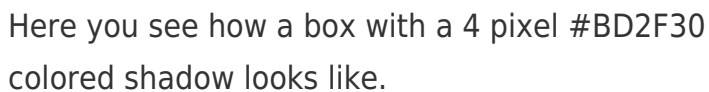
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD2F30 }
```

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

```
.border{ border-color:#BD2F30 }
```

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



Here you see how a box with a 4 pixel `#BD2F30` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2F30; -webkit-box-shadow:4px 4px  
4px 4px #BD2F30; box-shadow:4px 4px 4px  
4px #BD2F30 }
```

Background

The CSS property to change the background color of an element to Hex BD2F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2F30 }
```

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

```
.background{ background-color:#BD2F30 }
```

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