

Converting Colors

Hex(BB0D2F)

Have a look what the booklet for
Hex(BB0D2F) contains.

Hex(BB0D2F)	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(BB0D2F)

Conversions

Conversions Part 1

Format	Color
Hex	BB0D2F
RGB	187, 13, 47
RGB Percent	73%, 5%, 18%
CMY	0.2667, 0.9490, 0.8157
CMYK	0.00, 0.93, 0.75, 0.27
HSL	348°, 87%, 39%
HSV	348°, 93%, 73%
XYZ	21.1505, 11.0579, 3.7090
YIQ	68.9020, 92.7900, 47.4620

Conversions

Conversions Part 2

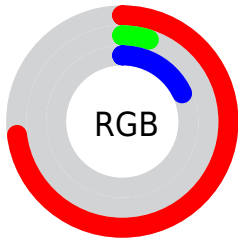
Format	Color
RYB	187, 13, 47
Decimal	12258607
CIELab	39.68, 63.00, 31.16
CIElCh	40, 70.288, 26.319
Yxy	11.0579, 0.5889, 0.3079
Android (android.graphics.Color)	4290448687 (0xFFBB0D2F)
YUV	68.9020, -10.7977, 103.5719
Hunter-Lab	33.2534, 55.3399, 16.6644

Details

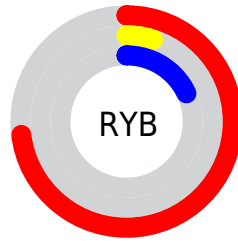
The Hex color **BB0D2F** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **0DBB99**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FA565D**, and **7D0001** is the 20% darker color. If you saturate the color by 10%, you get **BB0025**, and if you desaturate by 10%, it is **BB203E**.

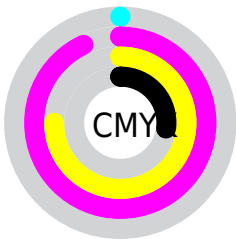
Distribution



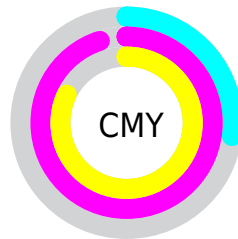
- Red (73%)
- Green (5%)
- Blue (18%)



- Red (73%)
- Yellow (5%)
- Blue (18%)



- Cyan (0%)
- Magenta (93%)
- Yellow (75%)
- Black (27%)



- Cyan (27%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB0D2F 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 BB0D2F by changing the saturation by 10% instead.



BB0D2F



BB0D2F

FFFFFF



9C001A



FA565D



7D0001



FF7276



5E0000



FF8F8F



420003



FFACAA



200001



FFC9C5



000000



FFE6E1

FFFFFFE



BB0D2F



BB0D2F

 BB0025

 BB203E

 BB324D

 BB455C

 BB586B

 BB6B7A

 BB7D89

 BB9098

 BBA3A7

 BBB5B6

Harmonies

Analogous

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



BB0067



BB0D2F



A23E00

Triad

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



BB0D2F



007113



0068D2

Complementary

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



BB0D2F



0DBB99

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.



0072BD



BB0D2F



007454

Square

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



BB0D2F



416900



00758F



3E51C6

Rectangle

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



BB0D2F



885100



00758F



006CCE

Sweetspot

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



BB0D2F



F2AEBC



980DBB



7A5159



FAFAFA



7A7A7A

Same Dimension

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



BB0D2F



F2002F



BB410D



5E5557



9E001F



1F0006

Inverse Universe

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



BB0D2F



F2002F



0D87BB



5E5557



9E001F



1F0006

Previews

White Background



This preview shows how the Hex color BB0D2F looks on a white background.

Color Contrast Check

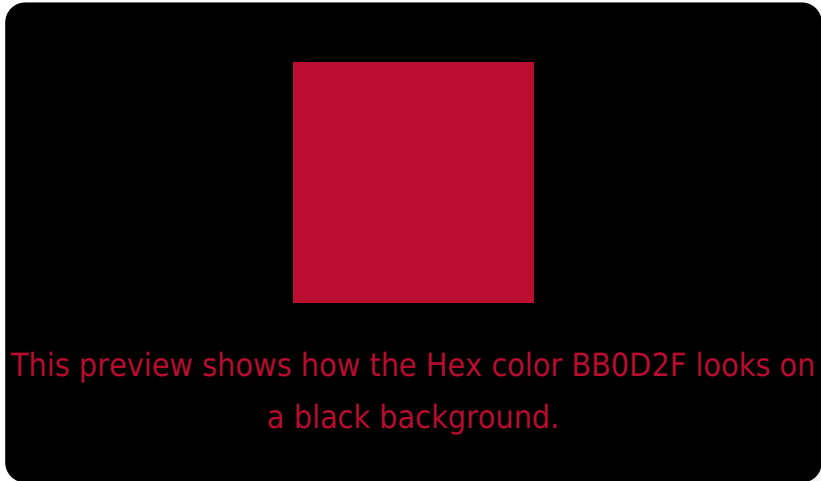
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB0D2F Background



This preview shows how black text looks on a background with the Hex color BB0D2F.



This preview shows how white text looks on a background with the Hex color BB0D2F.

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
BB0D2F

Protanopia
665F46

Deuteranopia
775B25

Trichromacy



Original Color
BB0D2F

Protanomaly
85413E

Deuteranomaly
903F29

Tritanomaly
BA131D

Monochromacy



Original Color
BB0D2F

Achromatopsia
454545

Achromatomaly
70313D

CSS Examples

Text

The CSS property to change the color of the text to Hex BB0D2F 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 #BB0D2F looks like.

```
.text, #text, p{  
    color:#BB0D2F  
}
```

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 #BB0D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB0D2F
}
```

Border

The CSS property to change the border of an element to Hex BB0D2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

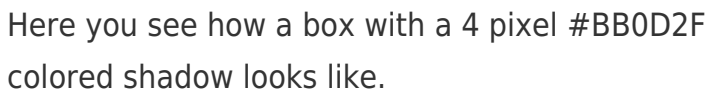
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB0D2F }
```

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

```
.border{ border-color:#BB0D2F }
```

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



Here you see how a box with a 4 pixel `#BB0D2F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB0D2F; -webkit-box-shadow:4px 4px  
4px 4px #BB0D2F; box-shadow:4px 4px 4px  
4px #BB0D2F }
```

Background

The CSS property to change the background color of an element to Hex BB0D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB0D2F }
```

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

```
.background{ background-color:#BB0D2F }
```

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