

Converting Colors

Hex(BB3C1F)

Have a look what the booklet for
Hex(BB3C1F) contains.

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Color

Hex(**BB3C1F**)

Conversions

Conversions Part 1

Format	Color
Hex	BB3C1F
RGB	187, 60, 31
RGB Percent	73%, 24%, 12%
CMY	0.2667, 0.7647, 0.8784
CMYK	0.00, 0.68, 0.83, 0.27
HSL	11°, 72%, 43%
HSV	11°, 83%, 73%
XYZ	22.3567, 13.8954, 2.8001
YIQ	94.6670, 85.0010, 17.9050

Conversions

Conversions Part 2

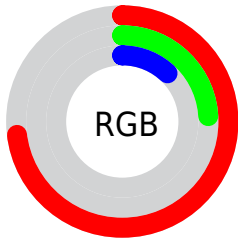
Format	Color
R_{YB}	187, 67, 31
Decimal	12270623
CIE _{Lab}	44.08, 49.67, 44.56
CIE _{LCh}	44, 66.726, 41.895
Yxy	13.8954, 0.5725, 0.3558
Android (android.graphics.Color)	4290460703 (0xFFBB3C1F)
YUV	94.6670, -31.3878, 80.9760
Hunter-Lab	37.2766, 41.8216, 21.6400

Details

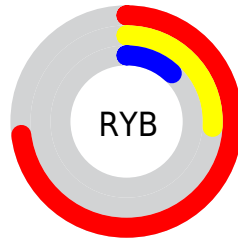
The Hex color **BB3C1F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1F9EBB**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FA724E**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BB2D0C**, and if you desaturate by 10%, it is **BB4B32**.

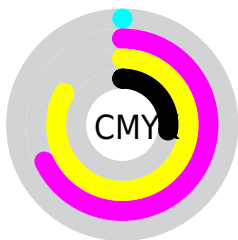
Distribution



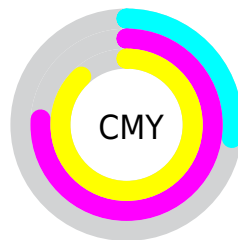
- Red (73%)
- Green (24%)
- Blue (12%)



- Red (73%)
- Yellow (26%)
- Blue (12%)



- Cyan (0%)
- Magenta (68%)
- Yellow (83%)
- Black (27%)



- Cyan (27%)
- Magenta (76%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB3C1F 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 BB3C1F by changing the saturation by 10% instead.

 BB3C1F

 BB3C1F

FFFFFF

 9C1F07

 FA724E

 7E0000

 FF8D67

 5F0000

 FFA981

 430000

 FFC59B

 260001

 FFE2B6

 000000

 FFFFD2

 FFFFEE

 BB3C1F

 BB3C1F

 BB2D0C

 BB4B32

 BB2300

 BB5A44

 BB6A57

 BB796A

 BB887D

 BB978F

 BBA7A2

 BBB6B5

 BBC5C7

Harmonies

Analogous

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



C81F55



BB3C1F



9A5900

Triad

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



BB3C1F



007E43



0068D6

Complementary

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



BB3C1F



1F9EBB

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.



0078D2



BB3C1F



00807E

Square

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



BB3C1F



257800



007FB2



844DBC

Rectangle

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



BB3C1F



7C6700



007FB2



006ED8

Sweetspot

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



BB3C1F



F2C1B6



BB1F9E



7A5D56



FAFAFA



7A7A7A

Same Dimension

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



BB3C1F



F22D00



BB8A1F



5E5755



9E1D00



1F0600

Inverse Universe

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



1F9EBB



00C5F2



1F50BB



555D5E



00819E



00191F

Previews

White Background



This preview shows how the Hex color BB3C1F looks on a white background.

Color Contrast Check

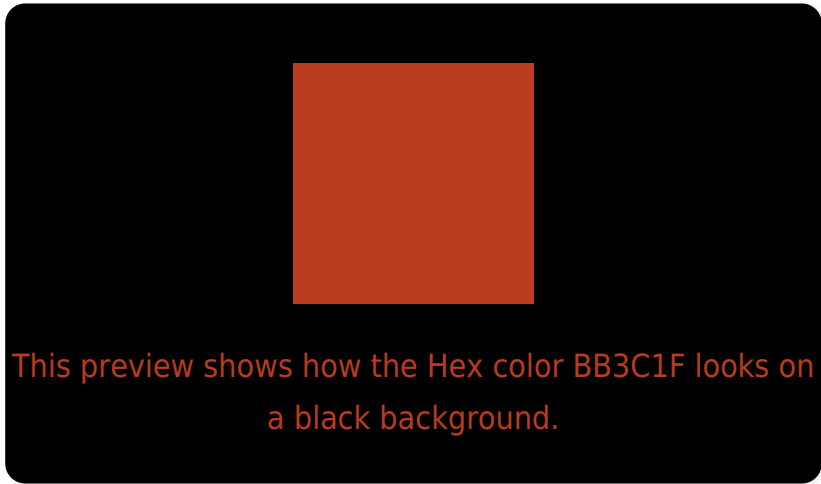
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB3C1F Background



This preview shows how black text looks on a background with the Hex color BB3C1F.



This preview shows how white text looks on a background with the Hex color BB3C1F.

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
BB3C1F

Protanopia
75692B

Deuteranopia
85640F

Trichromacy



Original Color
BB3C1F

Protanomaly
8E5927

Deuteranomaly
995515

Tritanomaly
BC3A31

Monochromacy



Original Color
BB3C1F

Achromatopsia
5F5F5F

Achromatomaly
805248

CSS Examples

Text

The CSS property to change the color of the text to Hex BB3C1F 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 #BB3C1F looks like.

```
.text, #text, p{  
  color:#BB3C1F  
}
```

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 #BB3C1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB3C1F
}
```

Border

The CSS property to change the border of an element to Hex BB3C1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

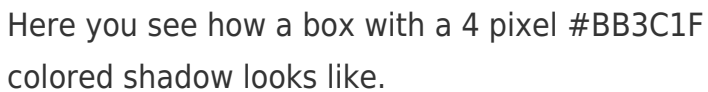
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB3C1F }
```

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

```
.border{ border-color:#BB3C1F }
```

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



Here you see how a box with a 4 pixel `#BB3C1F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB3C1F; -webkit-box-shadow:4px 4px  
4px 4px #BB3C1F; box-shadow:4px 4px 4px  
4px #BB3C1F }
```

Background

The CSS property to change the background color of an element to Hex BB3C1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB3C1F }
```

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

```
.background{ background-color:#BB3C1F }
```

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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