

Converting Colors

Hex(BB3B31)

Have a look what the booklet for
Hex(BB3B31) contains.

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Color

Hex(BB3B31)

Conversions

Conversions Part 1

Format	Color
Hex	BB3B31
RGB	187, 59, 49
RGB Percent	73%, 23%, 19%
CMY	0.2667, 0.7686, 0.8078
CMYK	0.00, 0.68, 0.74, 0.27
HSL	4°, 58%, 46%
HSV	4°, 74%, 73%
XYZ	22.6119, 13.9145, 4.3997
YIQ	96.1320, 79.4980, 24.0260

Conversions

Conversions Part 2

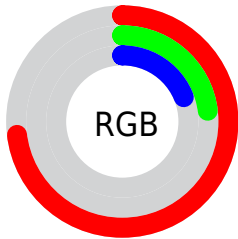
Format	Color
RYB	187, 60, 49
Decimal	12270385
CIELab	44.11, 50.72, 35.01
CIELCh	44, 61.628, 34.614
Yxy	13.9145, 0.5525, 0.3400
Android (android.graphics.Color)	4290460465 (0xFFBB3B31)
YUV	96.1320, -23.2361, 79.6912
Hunter-Lab	37.3021, 42.9247, 19.1183

Details

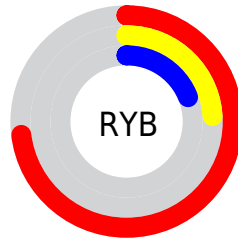
The Hex color **BB3B31** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **31B1BB**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F97160**, and **7E0004** is the 20% darker color. If you saturate the color by 10%, you get **BB2A1E**, and if you desaturate by 10%, it is **BB4C44**.

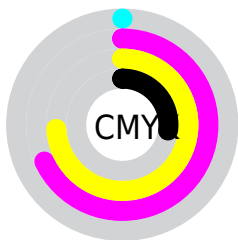
Distribution



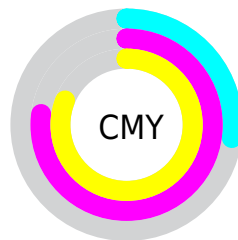
- Red (73%)
- Green (23%)
- Blue (19%)



- Red (73%)
- Yellow (24%)
- Blue (19%)



- Cyan (0%)
- Magenta (68%)
- Yellow (74%)
- Black (27%)



- Cyan (27%)
- Magenta (77%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB3B31 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 BB3B31 by changing the saturation by 10% instead.

 BB3B31

 BB3B31

FFFFFF

 9C1D1B

 F97160

 7E0004

 FF8D79

 600000

 FFA993

 430001

 FFC5AE

 270001

 FFE2C9

 000000

 FFFF E5

 BB3B31

 BB3B31

 BB2A1E

 BB4C44

 BB180C

 BB5E56

 BB0E00

 BB6F69

 BB807C

 BB928E

 BBA3A1

 BBB4B4

 BBC6C7

 BBD7D9

Harmonies

Analogous

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



C12B63



BB3B31



A05500

Triad

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



BB3B31



007C39



006CCF

Complementary

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



BB3B31



31B1BB

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.



0079C5



BB3B31



007F6F

Square

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



BB3B31



417500



007EA2



7057BD

Rectangle

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



BB3B31



866300



007EA2



0071CF

Sweetspot

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



BB3B31



F2C1BD



BB31B2



7A5D5B



FAFAFA



7A7A7A

Same Dimension

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



BB3B31



F22A1B



BB7F31



5E5655



9E0B00



1F0200

Inverse Universe

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



31B1BB



1BE3F2



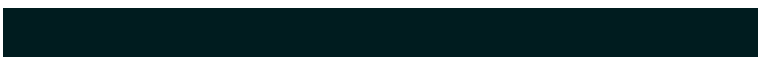
316DBB



555E5E



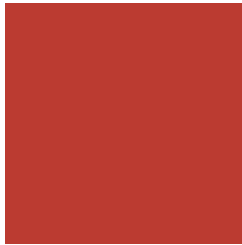
00939E



001C1F

Previews

White Background



This preview shows how the Hex color BB3B31 looks on a white background.

Color Contrast Check

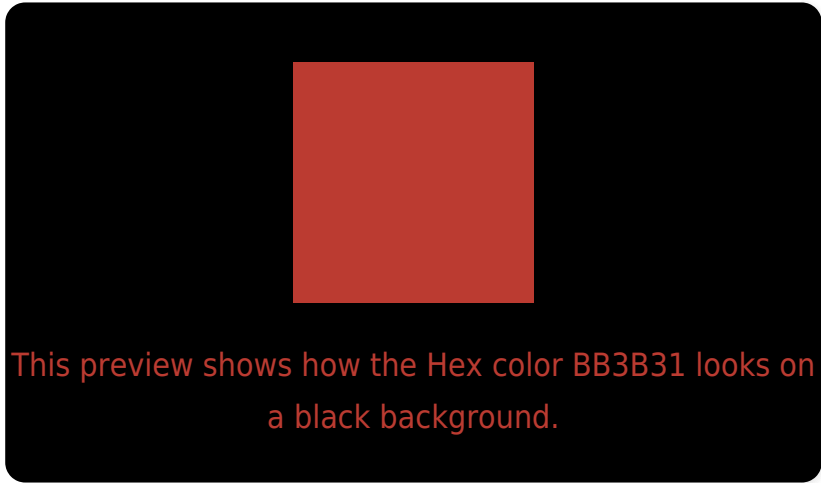
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB3B31 Background



This preview shows how black text looks on a background with the Hex color BB3B31.



This preview shows how white text looks on a background with the Hex color BB3B31.

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
BB3B31

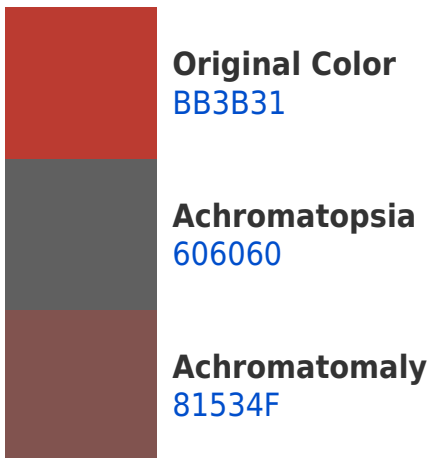
Protanopia
736940

Deuteranopia
836429

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB3B31 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 #BB3B31 looks like.

```
.text, #text, p{  
    color:#BB3B31  
}
```

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 #BB3B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB3B31
}
```

Border

The CSS property to change the border of an element to Hex BB3B31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

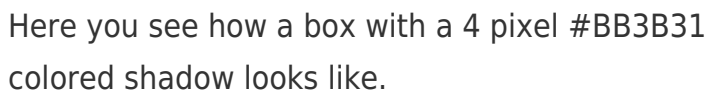
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB3B31 }
```

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

```
.border{ border-color:#BB3B31 }
```

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



Here you see how a box with a 4 pixel `#BB3B31` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB3B31; -webkit-box-shadow:4px 4px  
4px 4px #BB3B31; box-shadow:4px 4px 4px  
4px #BB3B31 }
```

Background

The CSS property to change the background color of an element to Hex BB3B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB3B31 }
```

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

```
.background{ background-color:#BB3B31 }
```

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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