

Converting Colors

Hex(BB3835)

Have a look what the booklet for
Hex(BB3835) contains.

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Color

Hex(BB3835)

Conversions

Conversions Part 1

Format	Color
Hex	BB3835
RGB	187, 56, 53
RGB Percent	73%, 22%, 21%
CMY	0.2667, 0.7804, 0.7922
CMYK	0.00, 0.70, 0.72, 0.27
HSL	1°, 56%, 47%
HSV	1°, 72%, 73%
XYZ	22.5503, 13.6502, 4.8144
YIQ	94.8270, 79.0390, 26.8390

Conversions

Conversions Part 2

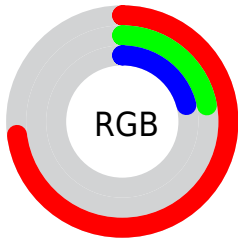
Format	Color
RYB	187, 56, 53
Decimal	12269621
CIELab	43.73, 52.09, 32.26
CIElCh	44, 61.268, 31.767
Yxy	13.6502, 0.5498, 0.3328
Android (android.graphics.Color)	4290459701 (0xFFBB3835)
YUV	94.8270, -20.6207, 80.8357
Hunter-Lab	36.9462, 44.2927, 18.1364

Details

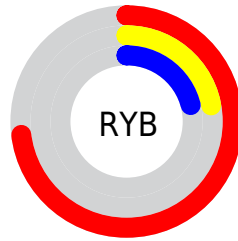
The Hex color **BB3835** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **35B8BB**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **F96F64**, and **7E000A** is the 20% darker color. If you saturate the color by 10%, you get **BB2622**, and if you desaturate by 10%, it is **BB4A48**.

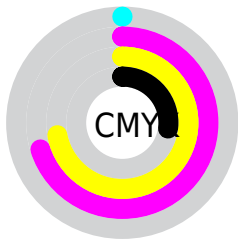
Distribution



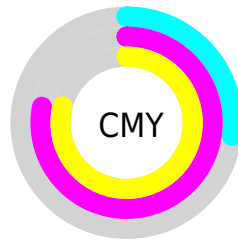
- Red (73%)
- Green (22%)
- Blue (21%)



- Red (73%)
- Yellow (22%)
- Blue (21%)



- Cyan (0%)
- Magenta (70%)
- Yellow (72%)
- Black (27%)



- Cyan (27%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB3835 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 BB3835 by changing the saturation by 10% instead.

 BB3835

 BB3835

FFFFFF

 9C181F

 F96F64

 7E000A

 FF8A7D

 610000

 FFA697

 440001

 FFC3B2

 260001

 FFDFCD

 000000

 FFFDEA

 BB3835

 BB3835

 BB2622

 BB4A48

 BB1310

 BB5D5A

 BB0400

 BB6F6D

 BB8180

 BB9393

 BBA6A5

 BBB8B8

 BBCACB

 BBDDDD

Harmonies

Analogous

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



BE2A67



BB3835



A25200

Triad

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



BB3835



007A34



006DCE

Complementary

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



BB3835



35B8BB

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.



0079C1



BB3835



007E69

Square

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



BB3835



477300



007D9C



6758BF

Rectangle

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



BB3835



896000



007D9C



0072CD

Sweetspot

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



BB3835



F2C1BF



BB35B9



7A5C5C



FAFAFA



7A7A7A

Same Dimension

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



BB3835



F22722



BB7A35



5E5555



9E0400



1F0100

Inverse Universe

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



35B8BB



22EEF2



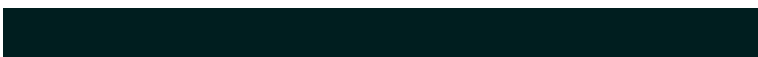
3576BB



555E5E



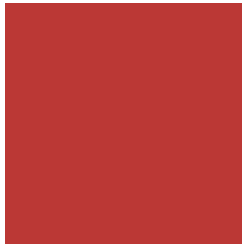
009B9E



001E1F

Previews

White Background



This preview shows how the Hex color BB3835 looks on a white background.

Color Contrast Check

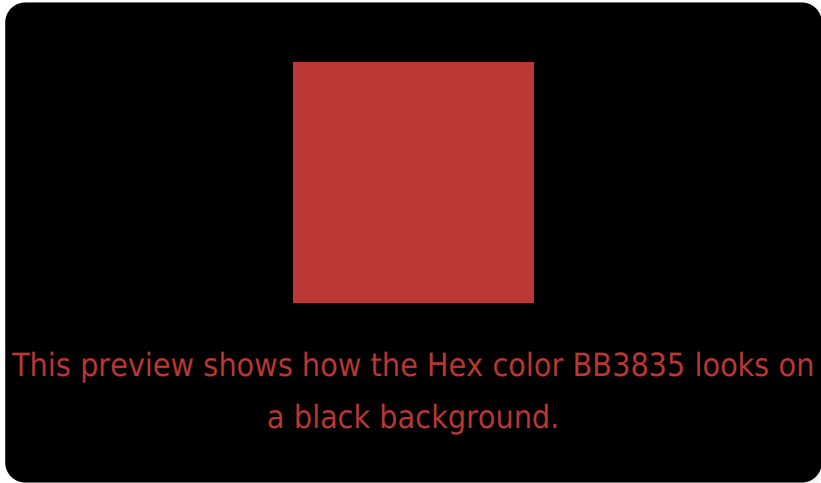
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB3835 Background



This preview shows how black text looks on a background with the Hex color BB3835.

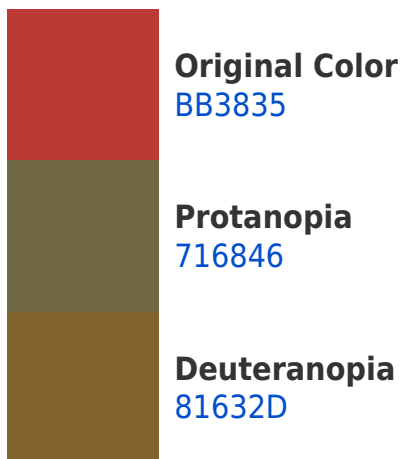


This preview shows how white text looks on a background with the Hex color BB3835.

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



Trichromacy



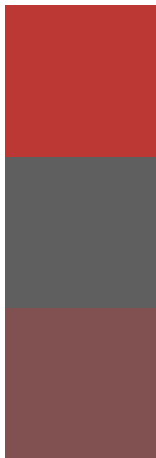
Original Color
BB3835

Protanomaly
8C5740

Deuteranomaly
965330

Tritanomaly
BB3738

Monochromacy



Original Color
BB3835

Achromatopsia
5F5F5F

Achromatomaly
805150

CSS Examples

Text

The CSS property to change the color of the text to Hex BB3835 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 #BB3835 looks like.

```
.text, #text, p{  
    color:#BB3835  
}
```

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 #BB3835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB3835 }  
}
```

Border

The CSS property to change the border of an element to Hex BB3835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

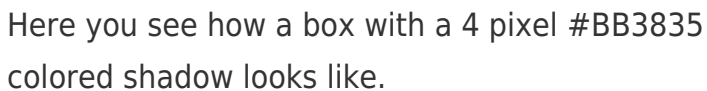
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #BB3835 }  
}
```

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

```
.border{ border-color:#BB3835 }
```

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



Here you see how a box with a 4 pixel #BB3835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB3835; -webkit-box-shadow:4px 4px  
4px 4px #BB3835; box-shadow:4px 4px 4px  
4px #BB3835 }
```

Background

The CSS property to change the background color of an element to Hex BB3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB3835 }
```

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

```
.background{ background-color:#BB3835 }
```

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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