

Converting Colors

Hex(BB1313)

Have a look what the booklet for
Hex(BB1313) contains.

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Color

Hex(BB1313)

Conversions

Conversions Part 1

Format	Color
Hex	BB1313
RGB	187, 19, 19
RGB Percent	73%, 7%, 7%
CMY	0.2667, 0.9255, 0.9255
CMYK	0.00, 0.90, 0.90, 0.27
HSL	0°, 82%, 40%
HSV	0°, 90%, 73%
XYZ	20.8439, 11.0776, 1.6557
YIQ	69.2320, 100.1280, 35.6160

Conversions

Conversions Part 2

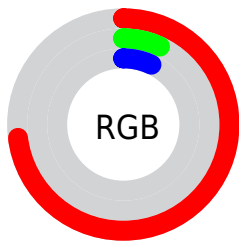
Format	Color
R_{YB}	187, 19, 19
Decimal	12260115
CIE Lab	39.71, 61.39, 46.50
CIE LCh	40, 77.014, 37.146
Yxy	11.0776, 0.6208, 0.3299
Android (android.graphics.Color)	4290450195 (0xFFBB1313)
YUV	69.2320, -24.7644, 103.2825
Hunter-Lab	33.2830, 53.5430, 20.3487

Details

The Hex color **BB1313** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13BBBB**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FB5741**, and **7C0000** is the 20% darker color. If you saturate the color by 10%, you get **BB0000**, and if you desaturate by 10%, it is **BB2626**.

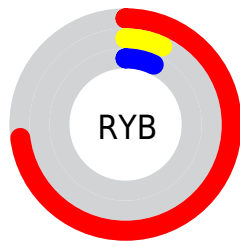
Distribution



Red (73%)

Green (7%)

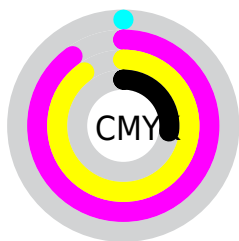
Blue (7%)



Red (73%)

Yellow (7%)

Blue (7%)

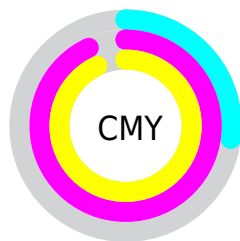


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB1313 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 BB1313 by changing the saturation by 10% instead.

 BB1313

 BB1313

 FFFFFFFB

 9B0000

 FB5741

 7C0000

 FF7459

 5D0000

 FF9073

 410003

 FFAD8C

 1F0001

 FFC9A7

 000000

 FFE7C3

 FFFFDF

 BB1313

 BB1313

■ BB0000

■ BB2626

■ BB3838

■ BB4B4B

■ BB5E5E

■ BB7070

■ BB8383

■ BB9696

■ BBA9A9

■ BBBB BB

Harmonies

Analogous

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



C60052



BB1313



984700

Triad

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



BB1313



007428



0062DD

Complementary

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



BB1313



13BBBB

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.



0071D3



BB1313



00766C

Square

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



BB1313



126E00



0076A9



6A43C3

Rectangle

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



BB1313



785900



0076A9



0068DE

Sweetspot

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



BB1313



F2B1B1



BB13BB



7A5353



FAFAFA



7A7A7A

Same Dimension

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



BB1313



F20000



BB6713



5E5555



9E0000



1F0000

Inverse Universe

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



13BBBB



00F2F2



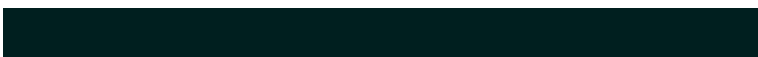
1367BB



555E5E



009E9E



001F1F

Previews

White Background



This preview shows how the Hex color BB1313 looks on a white background.

Color Contrast Check

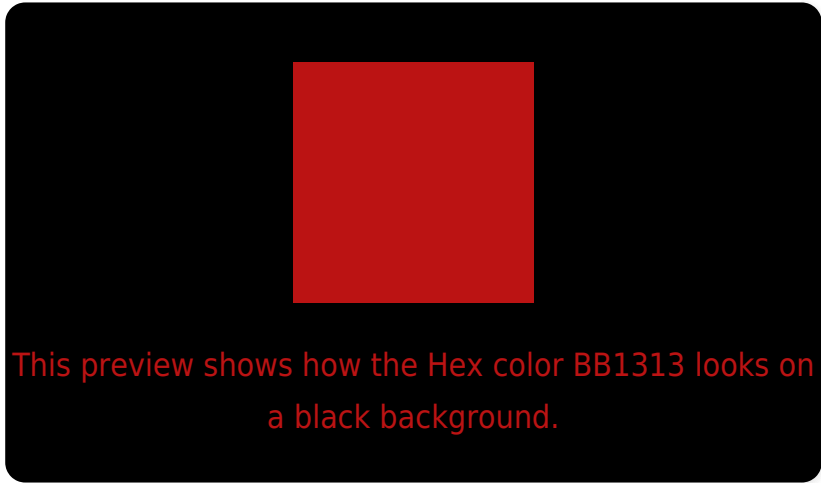
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB1313 Background



This preview shows how black text looks on a background with the Hex color BB1313.



This preview shows how white text looks on a background with the Hex color BB1313.

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
BB1313

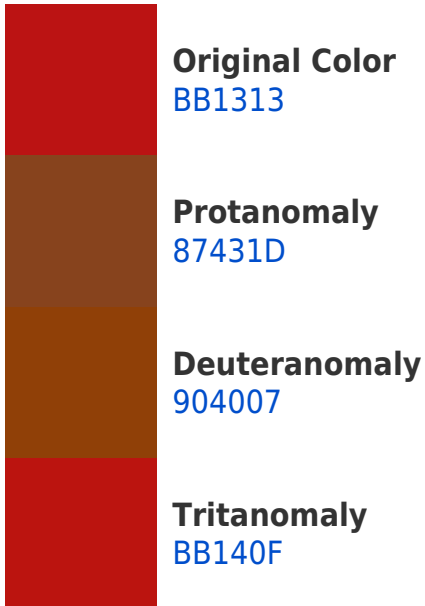
Protanopia
6A5F23

Deuteranopia
785A00

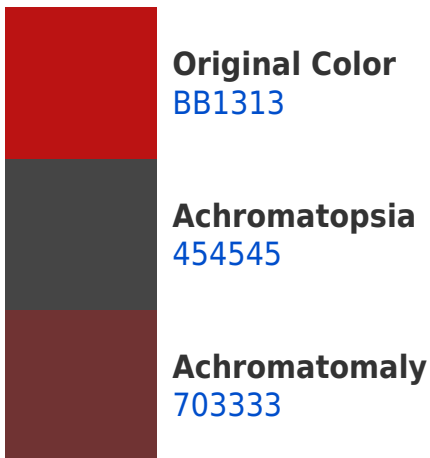


Tritanopia
BB140D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB1313 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 #BB1313 looks like.

```
.text, #text, p{  
    color:#BB1313  
}
```

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 #BB1313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB1313
}
```

Border

The CSS property to change the border of an element to Hex BB1313 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".

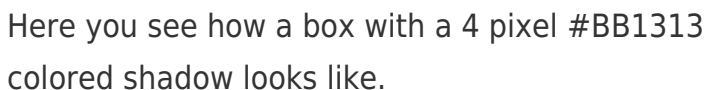
```
.border, #border, table{ border:4px solid
#BB1313 }
```

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

```
.border{ border-color:#BB1313 }
```

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

Here you see how a box with a 4 pixel #BB1313 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB1313; -webkit-box-shadow:4px 4px  
4px 4px #BB1313; box-shadow:4px 4px 4px  
4px #BB1313 }
```

Background

The CSS property to change the background color of an element to Hex BB1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB1313 }
```

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

```
.background{ background-color:#BB1313 }
```

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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