

Converting Colors

Hex(BB3411)

Have a look what the booklet for
Hex(BB3411) contains.

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Color

Hex(BB3411)

Conversions

Conversions Part 1

Format	Color
Hex	BB3411
RGB	187, 52, 17
RGB Percent	73%, 20%, 7%
CMY	0.2667, 0.7961, 0.9333
CMYK	0.00, 0.72, 0.91, 0.27
HSL	12°, 83%, 40%
HSV	12°, 91%, 73%
XYZ	21.8227, 13.0612, 1.9012
YIQ	88.3750, 91.6950, 17.7350

Conversions

Conversions Part 2

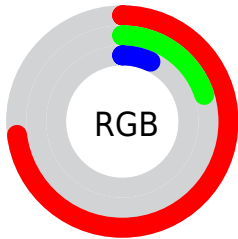
Format	Color
RYB	187, 61, 17
Decimal	12268561
CIELab	42.86, 52.48, 49.59
CIElCh	43, 72.203, 43.377
Yxy	13.0612, 0.5932, 0.3551
Android (android.graphics.Color)	4290458641 (0xFFBB3411)
YUV	88.3750, -35.1879, 86.4941
Hunter-Lab	36.1404, 44.5383, 22.1792

Details

The Hex color **BB3411** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **1198BB**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FB6B42**, and **7D0000** is the 20% darker color. If you saturate the color by 10%, you get **BB2700**, and if you desaturate by 10%, it is **BB4324**.

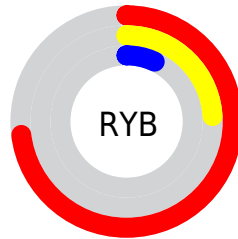
Distribution



Red (73%)

Green (20%)

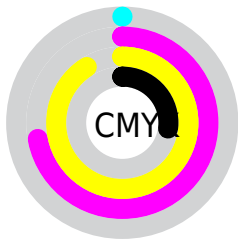
Blue (7%)



Red (73%)

Yellow (24%)

Blue (7%)

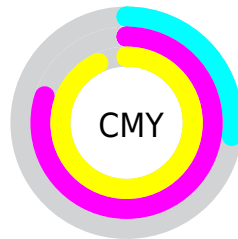


Cyan (0%)

Magenta (72%)

Yellow (91%)

Black (27%)



Cyan (27%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB3411 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 BB3411 by changing the saturation by 10% instead.

 BB3411

 BB3411

FFFFFFE

 9C1200

 FB6B42

 7D0000

 FF875A

 5E0000

 FFA274

 420001

 FFBF8E

 230001

 FFDBA9

 000000

 FFF9C4

 FFFFE1

 BB3411

 BB3411

■ BB2700

■ BB4324

■ BB5236

■ BB6149

■ BB6F5C

■ BB7E6F

■ BB8D81

■ BB9C94

■ BBABA7

■ BBBAB9

Harmonies

Analogous

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



CB004E



BB3411



965600

Triad

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



BB3411



007C40



0064DB

Complementary

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



BB3411



1198BB

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.



0076D9



BB3411



007E7F

Square

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



BB3411



027700



007DB7



8645BD

Rectangle

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



BB3411



766500



007DB7



006BDE

Sweetspot

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



BB3411



F2BEB1



BB1199



7A5B53



FAFAFA



7A7A7A

Same Dimension

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



BB3411



F23200



BB8811



5E5755



9E2100



1F0600

Inverse Universe

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



1198BB



00C0F2



1144BB



555C5E



007E9E



00181F

Previews

White Background



This preview shows how the Hex color BB3411 looks on a white background.

Color Contrast Check

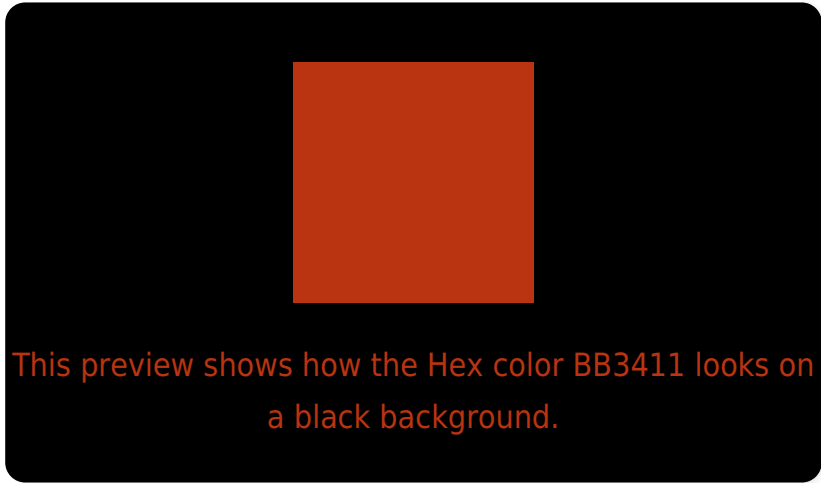
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB3411 Background



This preview shows how black text looks on a background with the Hex color BB3411.



This preview shows how white text looks on a background with the Hex color BB3411.

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

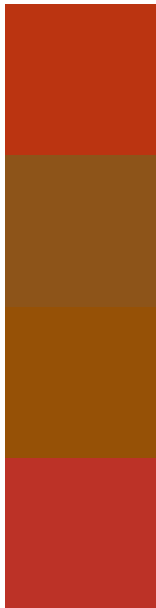


Original Color
BB3411

Protanopia
73661D

Deuteranopia
816100

Trichromacy



Original Color
BB3411

Protanomaly
8D5419

Deuteranomaly
965106

Tritanomaly
BC3227

Monochromacy



Original Color
BB3411

Achromatopsia
585858

Achromatomaly
7C4B3E

CSS Examples

Text

The CSS property to change the color of the text to Hex BB3411 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 #BB3411 looks like.

```
.text, #text, p{  
    color:#BB3411  
}
```

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 #BB3411 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB3411
}
```

Border

The CSS property to change the border of an element to Hex BB3411 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
#BB3411 }
```

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

```
.border{ border-color:#BB3411 }
```

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

Here you see how a box with a 4 pixel #BB3411 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB3411; -webkit-box-shadow:4px 4px  
4px 4px #BB3411; box-shadow:4px 4px 4px  
4px #BB3411 }
```

Background

The CSS property to change the background color of an element to Hex BB3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB3411 }
```

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

```
.background{ background-color:#BB3411 }
```

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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