

Converting Colors

Hex(BC3800)

Have a look what the booklet for
Hex(BC3800) contains.

Hex(BC3800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BC3800)

Conversions

Conversions Part 1

Format	Color
Hex	BC3800
RGB	188, 56, 0
RGB Percent	74%, 22%, 0%
CMY	0.2627, 0.7804, 1.0000
CMYK	0.00, 0.70, 1.00, 0.26
HSL	18°, 100%, 37%
HSV	18°, 100%, 74%
XYZ	22.1532, 13.5197, 1.4420
YIQ	89.0840, 96.6480, 10.5680

Conversions

Conversions Part 2

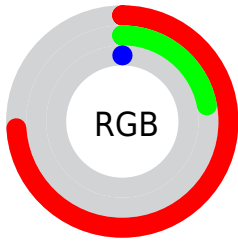
Format	Color
R_{YB}	188, 80, 0
Decimal	12335104
CIE Lab	43.54, 51.08, 55.33
CIE LCh	44, 75.307, 47.285
Yxy	13.5197, 0.5969, 0.3643
Android (android.graphics.Color)	4290525184 (0xFFBC3800)
YUV	89.0840, -43.9184, 86.7493
Hunter-Lab	36.7692, 43.1992, 23.4133

Details

The Hex color **BC3800** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **0084BC**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FC6E38**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BC3800**, and if you desaturate by 10%, it is **BC4513**.

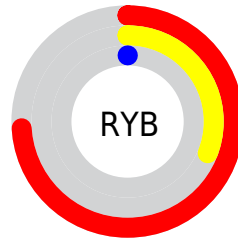
Distribution



Red (74%)

Green (22%)

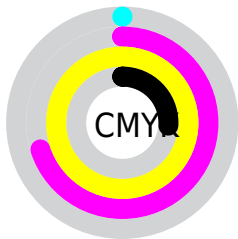
Blue (0%)



Red (74%)

Yellow (31%)

Blue (0%)

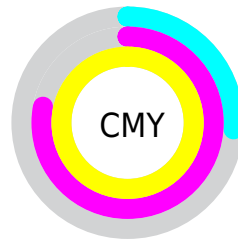


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC3800 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 BC3800 by changing the saturation by 10% instead.

 BC3800

 BC3800

 FFFFF3

 9D1900

 FC6E38

 7E0000

 FF8A51

 5F0000

 FFA56A

 420001

 FFC284

 250001

 FFDE9F

 000000

 FFFCBB

 FFFFD7

 BC3800

 BC4513

 BC5226

 BC6038

 BC6D4B

 BC7A5E

 BC8771

 BC9484

 BCA296

 BCAFA9

Harmonies

Analogous

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



D00046



BC3800



945B00

Triad

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



BC3800



007F49



0063E0

Complementary

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



BC3800



0084BC

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.



0076E2



BC3800



00818B

Square

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



BC3800



007A00



007FC3



933FBD

Rectangle

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



BC3800



716900



007FC3



006BE5

Sweetspot

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



BC3800



F5C1AB



BC0087



7A5B4E



FAFAFA



7A7A7A

Same Dimension

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



BC3800



F54900



BC9300



5E5855



9E2F00



1F0900

Inverse Universe

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



0084BC



00ACF5



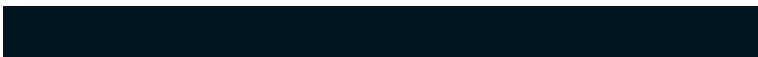
0029BC



555C5E



006F9E



00151F

Previews

White Background



This preview shows how the Hex color BC3800 looks on a white background.

Color Contrast Check

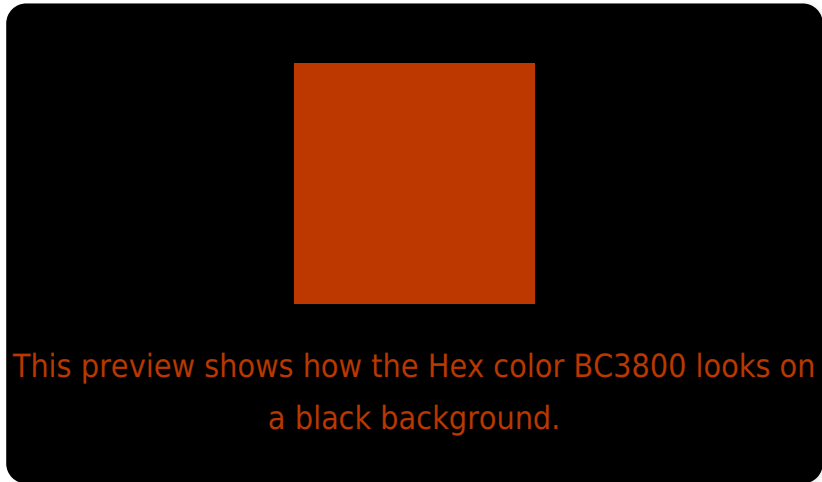
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC3800 Background



This preview shows how black text looks on a background with the Hex color BC3800.



This preview shows how white text looks on a background with the Hex color BC3800.

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

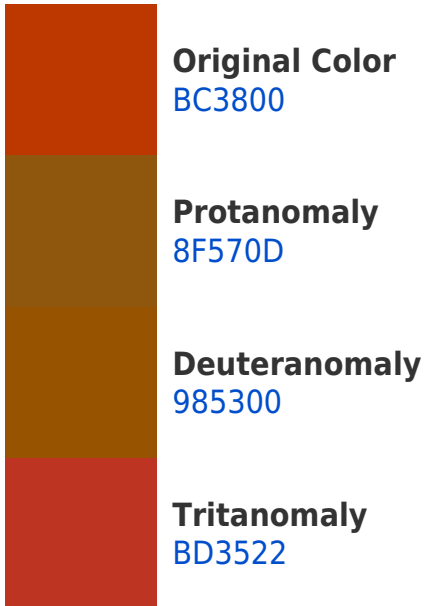


Original Color
BC3800

Protanopia
756815

Deuteranopia
836300

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BC3800 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 #BC3800 looks like.

```
.text, #text, p{  
    color:#BC3800  
}
```

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 #BC3800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC3800 }  
}
```

Border

The CSS property to change the border of an element to Hex BC3800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

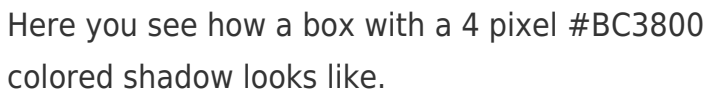
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #BC3800 }  
}
```

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

```
.border{ border-color:#BC3800 }
```

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



Here you see how a box with a 4 pixel #BC3800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC3800; -webkit-box-shadow:4px 4px  
4px 4px #BC3800; box-shadow:4px 4px 4px  
4px #BC3800 }
```

Background

The CSS property to change the background color of an element to Hex BC3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC3800 }
```

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

```
.background{ background-color:#BC3800 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor