

# Converting Colors

Hex(BF3813)

Have a look what the booklet for  
Hex(BF3813) contains.

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# Color

**Hex(BF3813)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | BF3813                    |
| RGB           | 191, 56, 19               |
| RGB Percent   | 75%, 22%, 7%              |
| CMY           | 0.2510, 0.7804, 0.9255    |
| CMYK          | 0.00, 0.71, 0.90, 0.25    |
| HSL           | 13°, 82%, 41%             |
| HSV           | 13°, 90%, 75%             |
| XYZ           | 23.0176, 13.9517, 2.0959  |
| YIQ           | 92.1470, 92.3370, 17.1130 |

# Conversions

## Conversions Part 2

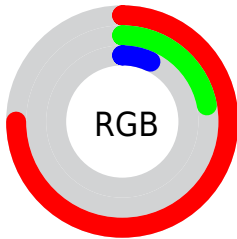
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 191, 66, 19                   |
| Decimal                             | 12531731                      |
| CIE Lab                             | 44.16, 52.33, 50.13           |
| CIE LCh                             | 44, 72.468, 43.769            |
| Yxy                                 | 13.9517, 0.5892,<br>0.3571    |
| Android<br>(android.graphics.Color) | 4290721811<br>(0xFFBF3813)    |
| YUV                                 | 92.1470, -36.0615,<br>86.6941 |
| Hunter-Lab                          | 37.3520, 44.6317,<br>22.8195  |

# Details

The Hex color **BF3813** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **139ABF**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6F44**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **BF2900**, and if you desaturate by 10%, it is **BF4726**.

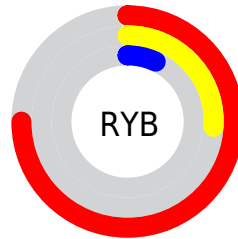
# Distribution



Red (75%)

Green (22%)

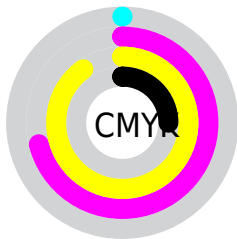
Blue (7%)



Red (75%)

Yellow (26%)

Blue (7%)

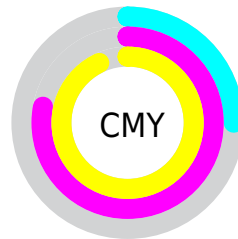


Cyan (0%)

Magenta (71%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (78%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF3813 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 BF3813 by changing the saturation by 10% instead.



 BF3813

 BF3813

FFFFFF

 A01800

 FF6F44

 810000

 FF8A5D

 620000

 FFA676

 450001

 FFC390

 280001

 FFDFAB

 000000

 FFFDC7

 FFFF E3

 BF3813

 BF3813

 BF2900

 BF4726

 BF5639

 BF654C

 BF745F

 BF8372

 BF9286

 BFA199

 BFB0AC

 BFBFBF

# Harmonies

## Analogous

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



CF0450



BF3813



9A5900

# Triad

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



BF3813



008044



0067DF

# Complementary

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



BF3813



139ABF

# 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.



0079DD



BF3813



008284

# Square

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



BF3813



067A00



0080BB



8B48C1

# Rectangle

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



BF3813



796900



0080BB



006EE2



# Sweetspot

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



BF3813



F7C3B5



BF139D



7D5E55



FCFCFC



7D7D7D



# Same Dimension

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



BF3813



F73500



BF8B13



5E5755



9E2200



1F0700



# Inverse Universe

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



139ABF



00C2F7



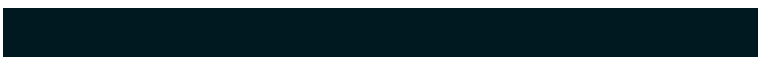
1347BF



555C5E



007C9E



00181F



# Previews

## White Background



This preview shows how the Hex color BF3813 looks on a white background.

## Color Contrast Check

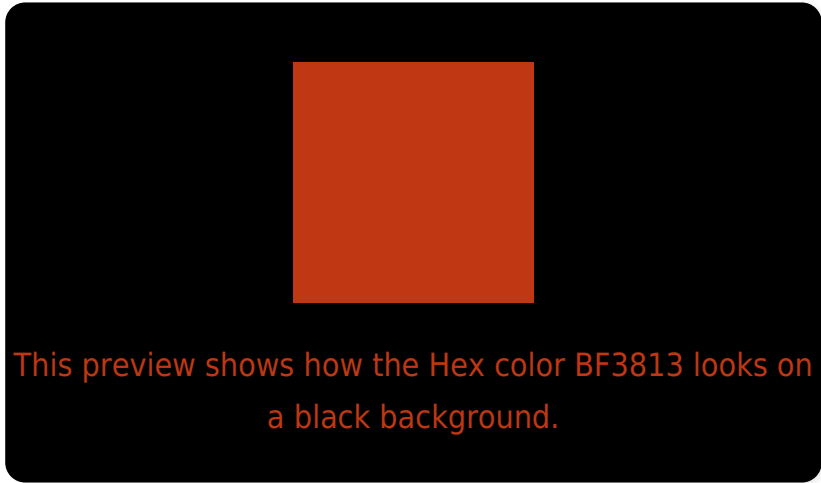
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF3813 Background



This preview shows how black text looks on a background with the Hex color BF3813.



This preview shows how white text looks on a background with the Hex color BF3813.

# Color Blindness Simulation

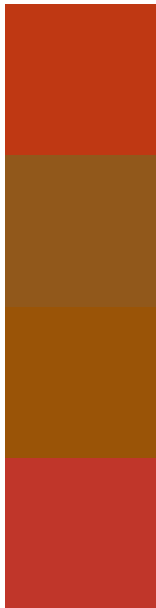
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BF3813

**Protanomaly**  
91581B

**Deuteranomaly**  
9A5407

**Tritanomaly**  
C0362A

# Monochromacy



**Original Color**  
BF3813

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
804F41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF3813 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 #BF3813 looks like.

```
.text, #text, p{  
    color:#BF3813  
}
```

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 #BF3813 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF3813
}
```

## Border

The CSS property to change the border of an element to Hex BF3813 is called "border". The border property can be set on classes, ids or directly on the HTML element.

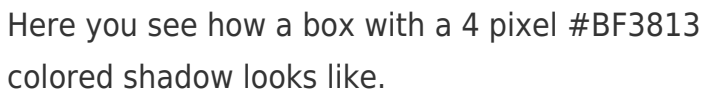
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF3813 }
```

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

```
.border{ border-color:#BF3813 }
```

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



Here you see how a box with a 4 pixel `#BF3813` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF3813; -webkit-box-shadow:4px 4px  
4px 4px #BF3813; box-shadow:4px 4px 4px  
4px #BF3813 }
```

# Background

The CSS property to change the background color of an element to Hex BF3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF3813 }
```

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

```
.background{ background-color:#BF3813 }
```

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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