

# Converting Colors

Hex(BF1F13)

Have a look what the booklet for  
Hex(BF1F13) contains.

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# Color

**Hex(BF1F13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF1F13
RGB	191, 31, 19
RGB Percent	75%, 12%, 7%
CMY	0.2510, 0.8784, 0.9255
CMYK	0.00, 0.84, 0.90, 0.25
HSL	4°, 82%, 41%
HSV	4°, 90%, 75%
XYZ	22.0934, 12.1034, 1.7878
YIQ	77.4720, 99.2120, 30.1880

# Conversions

## Conversions Part 2

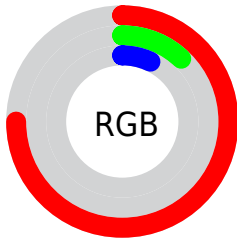
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 32, 19
Decimal	12525331
CIE Lab	41.38, 60.10, 48.10
CIE LCh	41, 76.978, 38.669
Yxy	12.1034, 0.6140, 0.3363
Android (android.graphics.Color)	4290715411 (0xFFBF1F13)
YUV	77.4720, -28.8267, 99.5641
Hunter-Lab	34.7899, 52.4745, 21.3060

# Details

The Hex color **BF1F13** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **13B3BF**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5E42**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **BF0D00**, and if you desaturate by 10%, it is **BF3126**.

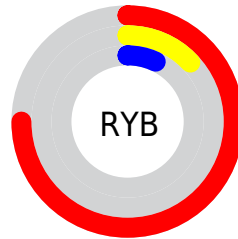
# Distribution



Red (75%)

Green (12%)

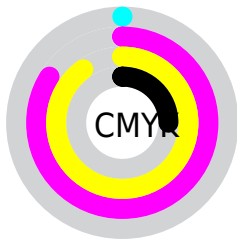
Blue (7%)



Red (75%)

Yellow (13%)

Blue (7%)

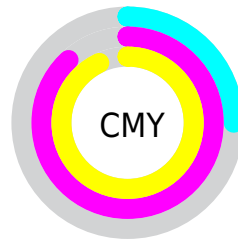


Cyan (0%)

Magenta (84%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (88%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF1F13 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 BF1F13 by changing the saturation by 10% instead.



 BF1F13

 BF1F13

FFFFFFD

 9F0000

 FF5E42

 800000

 FF7A5A

 610000

 FF9674

 440002

 FFB38E

 250001

 FFD0A8

 000000

 FFEDC4

 FFFFEO

 BF1F13

 BF1F13

 BF0D00

 BF3126

 BF4339

 BF544C

 BF665F

 BF7872

 BF8A86

 BF9B99

 BFADAC

 BFBFBF

# Harmonies

## Analogous

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



CC0053



BF1F13



9B4D00

# Triad

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



BF1F13



00782F



0065E1

# Complementary

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



BF1F13



13B3BF

# 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.



0075D9



BF1F13



007B73

# Square

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



BF1F13



0F7200



007BB0



7545C6

# Rectangle

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



BF1F13



7A5E00



007BB0



006CE3



# Sweetspot

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



BF1F13



F7B9B5



BF13B4



7D5855



FCFCFC



7D7D7D



# Same Dimension

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



BF1F13



F71100



BF7413



5E5655



9E0B00



1F0200



# Inverse Universe

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



13B3BF



00E6F7



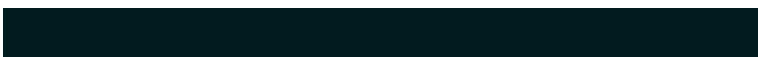
135EBF



555E5E



00939E



001C1F



# Previews

## White Background



This preview shows how the Hex color BF1F13 looks on a white background.

## Color Contrast Check

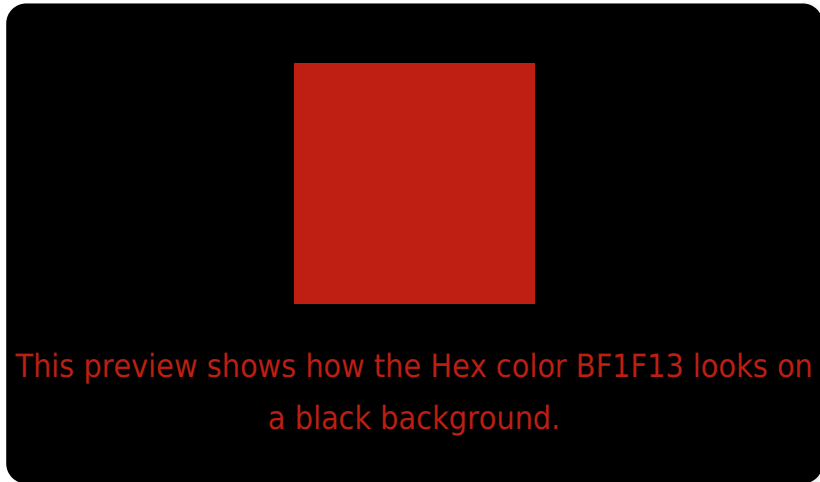
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF1F13 Background



This preview shows how black text looks on a background with the Hex color BF1F13.



This preview shows how white text looks on a background with the Hex color BF1F13.

# 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



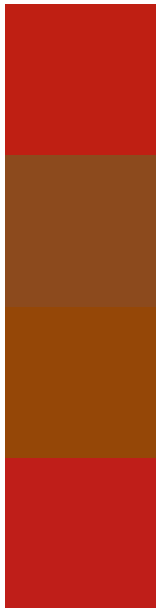
**Original Color**  
BF1F13

**Protanopia**  
6F6322

**Deuteranopia**  
7D5E00



# Trichromacy



**Original Color**  
BF1F13

**Protanomaly**  
8C4A1D

**Deuteranomaly**  
954707

**Tritanomaly**  
BF1E19

# Monochromacy



**Original Color**  
BF1F13

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
763C38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF1F13 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 #BF1F13 looks like.

```
.text, #text, p{  
    color:#BF1F13  
}
```

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 #BF1F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF1F13
}
```

## Border

The CSS property to change the border of an element to Hex BF1F13 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".

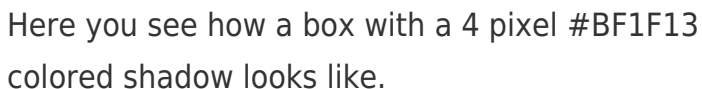
```
.border, #border, table{ border:4px solid
#BF1F13 }
```

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

```
.border{ border-color:#BF1F13 }
```

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

Here you see how a box with a 4 pixel #BF1F13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF1F13; -webkit-box-shadow:4px 4px  
4px 4px #BF1F13; box-shadow:4px 4px 4px  
4px #BF1F13 }
```

# Background

The CSS property to change the background color of an element to Hex BF1F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF1F13 }
```

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

```
.background{ background-color:#BF1F13 }
```

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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