

# Converting Colors

Hex(BF881C)

Have a look what the booklet for  
Hex(BF881C) contains.

<b>Hex(BF881C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BF881C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF881C
RGB	191, 136, 28
RGB Percent	75%, 53%, 11%
CMY	0.2510, 0.4667, 0.8902
CMYK	0.00, 0.29, 0.85, 0.25
HSL	40°, 74%, 43%
HSV	40°, 85%, 75%
XYZ	30.4996, 28.7685, 5.0440
YIQ	140.1330, 67.4480, -21.9280

# Conversions

## Conversions Part 2

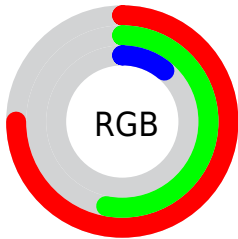
Format	Color
<a href="#">RYB</a>	<a href="#">111, 191, 28</a>
Decimal	<a href="#">12552220</a>
CIELab	<a href="#">60.58, 12.24, 60.20</a>
CIElCh	<a href="#">61, 61.431, 78.508</a>
Yxy	<a href="#">28.7685, 0.4742, 0.4473</a>
Android (android.graphics.Color)	<a href="#">4290742300 (0xFFBF881C)</a>
YUV	<a href="#">140.1330, -55.2816, 44.6104</a>
Hunter-Lab	<a href="#">53.6363, 7.6383, 31.9697</a>

# Details

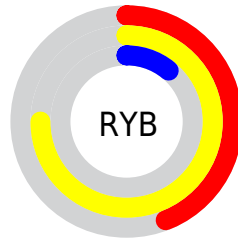
The Hex color **BF881C** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1C53BF**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FCBD54**, and **845600** is the 20% darker color. If you saturate the color by 10%, you get **BF8209**, and if you desaturate by 10%, it is **BF8E2F**.

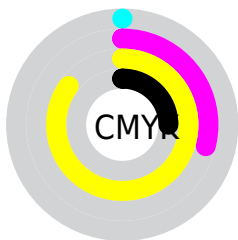
# Distribution



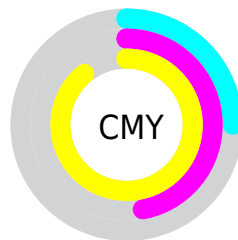
- Red (75%)
- Green (53%)
- Blue (11%)



- Red (44%)
- Yellow (75%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (85%)
- Black (25%)



- Cyan (25%)
- Magenta (47%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF881C 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 BF881C by changing the saturation by 10% instead.



 BF881C

 BF881C

FFFFFF

 A16F00

 FCBD54

 845600

 FFD96F

 683F00

 FFF58A

 4C2A00

 FFFFA5

 321500

 FFFFC1

 1B0000

 FFFFDE

 000000

 FFFFFB

 BF881C

 BF881C

 BF8209

 BF8E2F

 BF7F00

 BF9542

 BF9B55

 BFA268

 BFA87B

 BFAF8F

 BFB5A2

 BFBCB5

 BFC2C8

# Harmonies

## Analogous

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



E37242



BF881C



8E9A1C

# Triad

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



BF881C



00ACB3



BF75DB

# Complementary

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



BF881C



1C53BF

# 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.



6A8CF9



BF881C



00A8E2

# Square

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



BF881C



00AA7B



009EFC



E961A9

# Rectangle

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



BF881C



65A236



009EFC



A87DE7



# Sweetspot

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



BF881C



F7E2B7



BF1C55



7D7056



FCFCFC



7D7D7D



# Same Dimension

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



BF881C



F7A400



A7BF1C



5E5B55



9E6900



1F1400



# Inverse Universe

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



1C53BF



0053F7



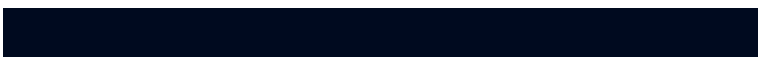
341CBF



55585E



00359E



000A1F



# Previews

## White Background



This preview shows how the Hex color BF881C looks on a white background.

## Color Contrast Check

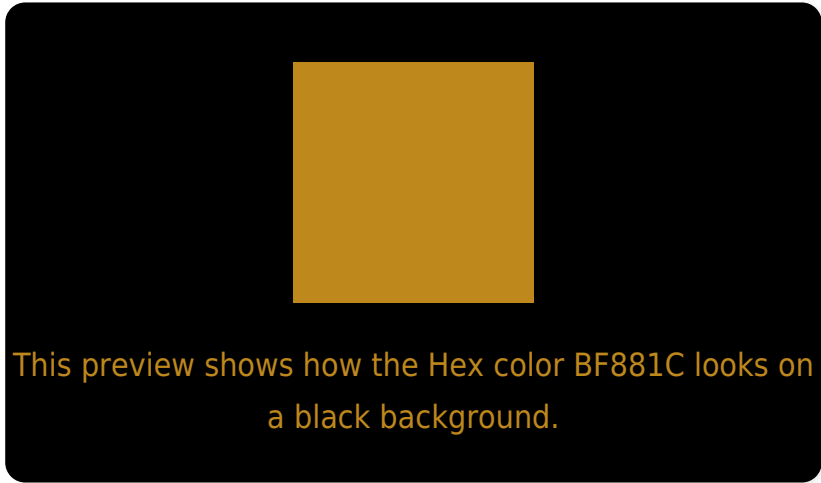
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BF881C Background



This preview shows how black text looks on a background with the Hex color BF881C.



This preview shows how white text looks on a background with the Hex color BF881C.

# 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**  
BF881C

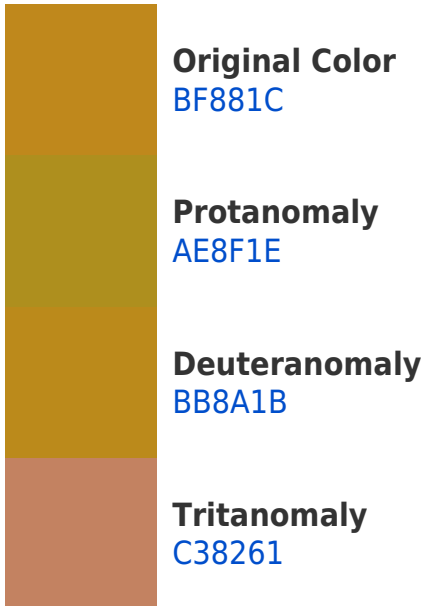
**Protanopia**  
A5931F

**Deuteranopia**  
B98B1A



**Tritanopia**  
C57F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF881C 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 #BF881C looks like.

```
.text, #text, p{  
    color:#BF881C  
}
```

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 #BF881C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF881C
}
```

## Border

The CSS property to change the border of an element to Hex BF881C 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
#BF881C }
```

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

```
.border{ border-color:#BF881C }
```

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

Here you see how a box with a 4 pixel #BF881C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF881C; -webkit-box-shadow:4px 4px  
4px 4px #BF881C; box-shadow:4px 4px 4px  
4px #BF881C }
```

# Background

The CSS property to change the background color of an element to Hex BF881C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF881C }
```

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

```
.background{ background-color:#BF881C }
```

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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