

# Converting Colors

Hex(BF7A1F)

Have a look what the booklet for  
Hex(BF7A1F) contains.

<b>Hex(BF7A1F)</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(BF7A1F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF7A1F
RGB	191, 122, 31
RGB Percent	75%, 48%, 12%
CMY	0.2510, 0.5216, 0.8784
CMYK	0.00, 0.36, 0.84, 0.25
HSL	34°, 72%, 44%
HSV	34°, 84%, 75%
XYZ	28.6927, 25.0944, 4.6277
YIQ	132.2570, 70.3350, -13.6730

# Conversions

## Conversions Part 2

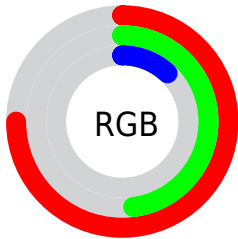
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	152, 191, 31
Decimal	12548639
CIE <sub>Lab</sub>	57.17, 20.04, 56.35
CIE <sub>LCh</sub>	57, 59.810, 70.426
Y <sub>xy</sub>	25.0944, 0.4912, 0.4296
Android (android.graphics.Color)	4290738719 (0xFFBF7A1F)
YUV	132.2570, -49.9197, 51.5176
Hunter-Lab	50.0943, 14.5752, 29.5887

# Details

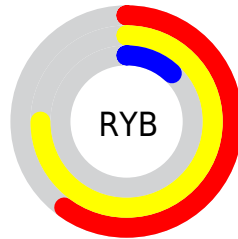
The Hex color **BF7A1F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1F64BF**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FCAF54**, and **844900** is the 20% darker color. If you saturate the color by 10%, you get **BF720C**, and if you desaturate by 10%, it is **BF8232**.

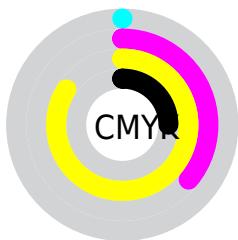
# Distribution



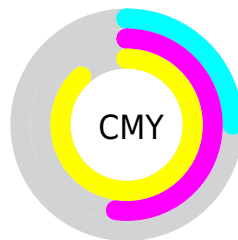
- Red (75%)
- Green (48%)
- Blue (12%)



- Red (60%)
- Yellow (75%)
- Blue (12%)



- Cyan (0%)
- Magenta (36%)
- Yellow (84%)
- Black (25%)



- Cyan (25%)
- Magenta (52%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF7A1F 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 BF7A1F by changing the saturation by 10% instead.



 BF7A1F

 BF7A1F

FFFFFF

 A16100

 FCAF54

 844900

 FFCA6E

 673200

 FFE689

 4B1C00

 FFFFA4

 310700

 FFFFC0

 120000

 FFFFDD

 000000

 FFFFFA

 BF7A1F

 BF7A1F

 BF720C

 BF8232

 BF6D00

 BF8A45

 BF9358

 BF9B6B

 BFA37F

 BFAB92

 BFB4A5

 BFBCB8

 BFC4CB

# Harmonies

## Analogous

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



DE6448



BF7A1F



928D0F

# Triad

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



BF7A1F



00A29B



A373D9

# Complementary

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



BF7A1F



1F64BF

# 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.



3889F0



BF7A1F



00A0CC

# Square

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



BF7A1F



00A064



0098EB



D55DAD

# Rectangle

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



BF7A1F



6E9525



0098EB



897BE4



# Sweetspot

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



BF7A1F



F7DDBA



BF1F64



7D6D57



FCFCFC



7D7D7D



# Same Dimension

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



BF7A1F



F78D00



B4BF1F



5E5A55



9E5A00



1F1100



# Inverse Universe

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



1F64BF



006BF7



2A1FBF



55595E



00449E



000D1F



# Previews

## White Background



This preview shows how the Hex color BF7A1F looks on a white background.

## Color Contrast Check

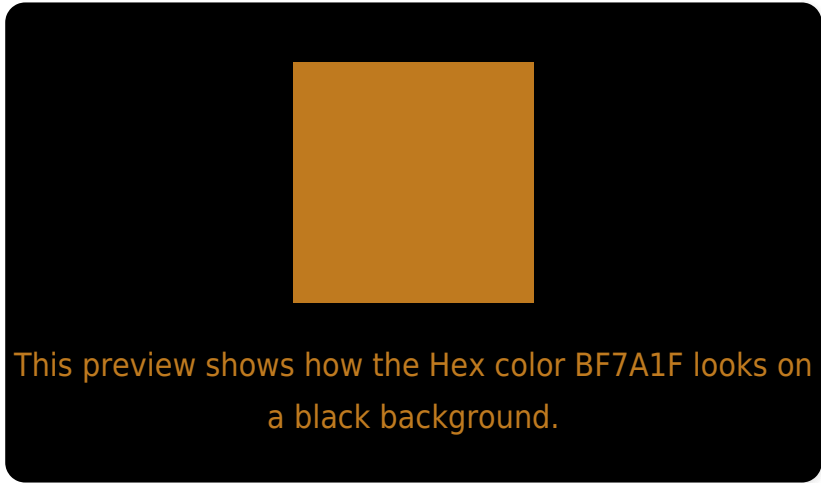
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF7A1F Background



This preview shows how black text looks on a background with the Hex color BF7A1F.



This preview shows how white text looks on a background with the Hex color BF7A1F.

# 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**  
BF7A1F

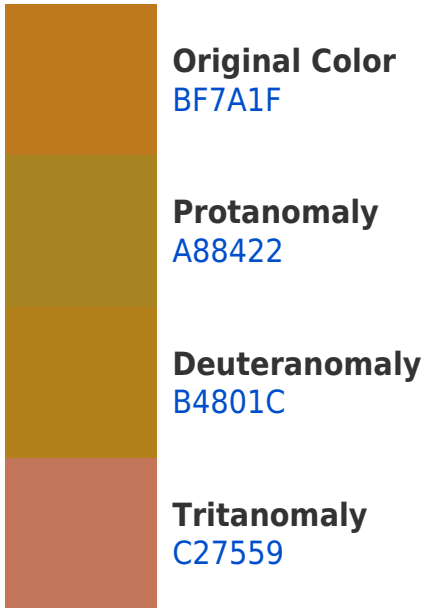
**Protanopia**  
9B8A23

**Deuteranopia**  
AE831A



**Tritanopia**  
C4727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF7A1F 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 #BF7A1F looks like.

```
.text, #text, p{  
    color:#BF7A1F  
}
```

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 #BF7A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF7A1F
}
```

## Border

The CSS property to change the border of an element to Hex BF7A1F 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
#BF7A1F }
```

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

```
.border{ border-color:#BF7A1F }
```

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

Here you see how a box with a 4 pixel #BF7A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF7A1F; -webkit-box-shadow:4px 4px  
4px 4px #BF7A1F; box-shadow:4px 4px 4px  
4px #BF7A1F }
```

# Background

The CSS property to change the background color of an element to Hex BF7A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF7A1F }
```

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

```
.background{ background-color:#BF7A1F }
```

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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