

# Converting Colors

Hex(BF7A1D)

Have a look what the booklet for  
Hex(BF7A1D) contains.

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# Color

**Hex(BF7A1D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF7A1D
RGB	191, 122, 29
RGB Percent	75%, 48%, 11%
CMY	0.2510, 0.5216, 0.8863
CMYK	0.00, 0.36, 0.85, 0.25
HSL	34°, 74%, 43%
HSV	34°, 85%, 75%
XYZ	28.6672, 25.0841, 4.4932
YIQ	132.0290, 70.9770, -14.2950

# Conversions

## Conversions Part 2

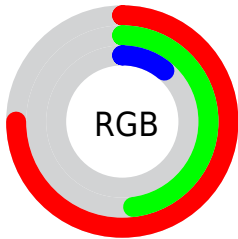
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 191, 29
Decimal	12548637
CIE Lab	57.16, 19.98, 57.02
CIE LCh	57, 60.420, 70.688
Yxy	25.0841, 0.4922, 0.4307
Android (android.graphics.Color)	4290738717 (0xFFBF7A1D)
YUV	132.0290, -50.7933, 51.7176
Hunter-Lab	50.0841, 14.5229, 29.7398

# Details

The Hex color **BF7A1D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1D62BF**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FCAF53**, and **844900** is the 20% darker color. If you saturate the color by 10%, you get **BF720A**, and if you desaturate by 10%, it is **BF8230**.

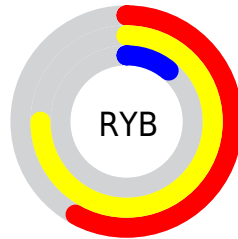
# Distribution



Red (75%)

Green (48%)

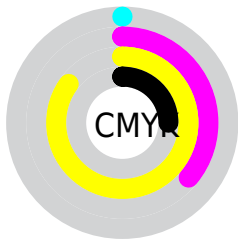
Blue (11%)



Red (58%)

Yellow (75%)

Blue (11%)

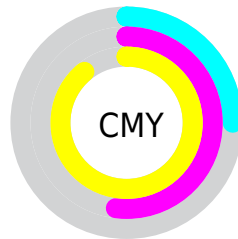


Cyan (0%)

Magenta (36%)

Yellow (85%)

Black (25%)



Cyan (25%)

Magenta (52%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF7A1D 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 BF7A1D by changing the saturation by 10% instead.



 BF7A1D

 BF7A1D

FFFFFF

 A16100

 FCAF53

 844900

 FFCA6D

 673200

 FFE688

 4B1D00

 FFFFA3

 310700

 FFFFBF

 120000

 FFFFDB

 000000

 FFFFF8

 BF7A1D

 BF7A1D

 BF720A

 BF8230

 BF6E00

 BF8A43

 BF9256

 BF9B69

 BFA37D

 BFAB90

 BFB3A3

 BFB9B6

 BFC3C9

# Harmonies

## Analogous

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



DE6447



BF7A1D



928D0C

# Triad

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



BF7A1D



00A29B



A473DA

# Complementary

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



BF7A1D



1D62BF

# 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.



3889F1



BF7A1D



00A0CD

# Square

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



BF7A1D



00A064



0098ED



D65CAD

# Rectangle

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



BF7A1D



6D9624



0098ED



8A7BE4



# Sweetspot

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



BF7A1D



F7DDBA



BF1D63



7D6D57



FCFCFC



7D7D7D



# Same Dimension

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



BF7A1D



F78E00



B4BF1D



5E5A55



9E5B00



1F1200



# Inverse Universe

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



1D62BF



0069F7



281DBF



55595E



00439E



000D1F



# Previews

## White Background



This preview shows how the Hex color BF7A1D looks on a white background.

## Color Contrast Check

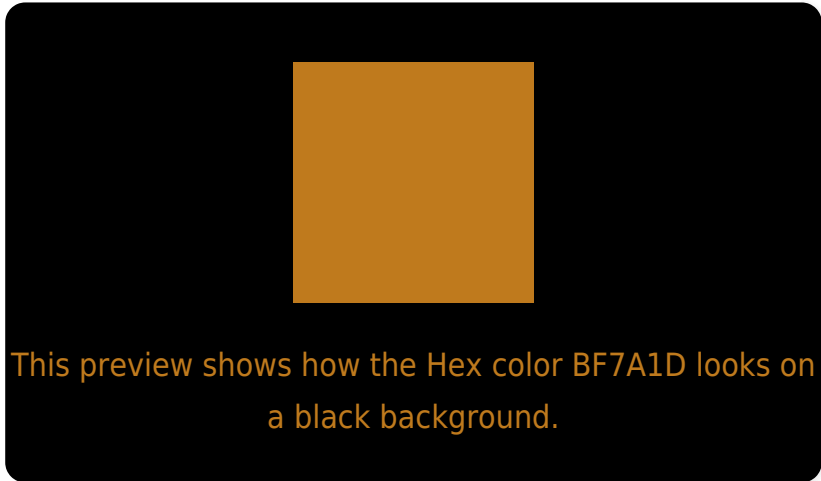
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF7A1D Background



This preview shows how black text looks on a background with the Hex color BF7A1D.



This preview shows how white text looks on a background with the Hex color BF7A1D.

# 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**  
BF7A1D

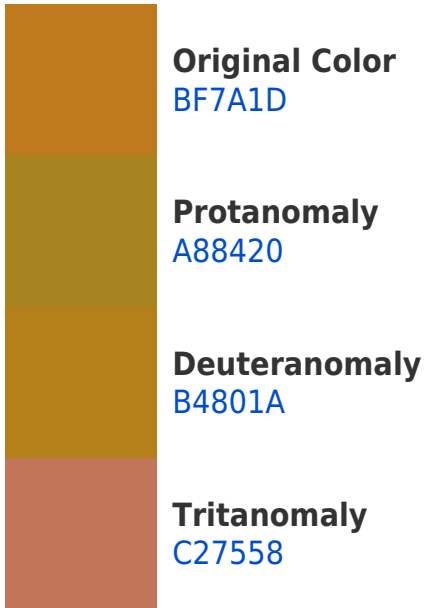
**Protanopia**  
9B8A21

**Deuteranopia**  
AE8318

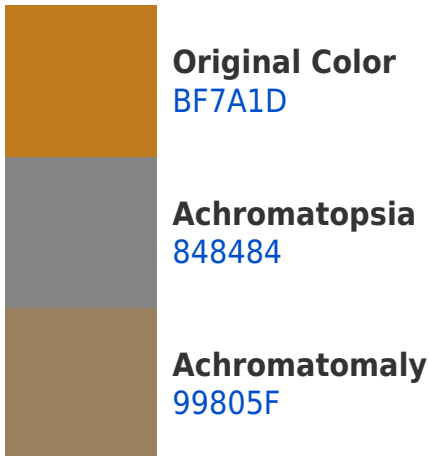


**Tritanopia**  
C4727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF7A1D 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 #BF7A1D looks like.

```
.text, #text, p{  
    color:#BF7A1D  
}
```

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 #BF7A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF7A1D
}
```

## Border

The CSS property to change the border of an element to Hex BF7A1D 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
#BF7A1D }
```

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

```
.border{ border-color:#BF7A1D }
```

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

Here you see how a box with a 4 pixel #BF7A1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF7A1D; -webkit-box-shadow:4px 4px  
4px 4px #BF7A1D; box-shadow:4px 4px 4px  
4px #BF7A1D }
```

# Background

The CSS property to change the background color of an element to Hex BF7A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF7A1D }
```

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

```
.background{ background-color:#BF7A1D }
```

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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