

# Converting Colors

Hex(BF7836)

Have a look what the booklet for  
Hex(BF7836) contains.

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**Color**

**Hex(BF7836)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF7836
RGB	191, 120, 54
RGB Percent	75%, 47%, 21%
CMY	0.2510, 0.5294, 0.7882
CMYK	0.00, 0.37, 0.72, 0.25
HSL	29°, 56%, 48%
HSV	29°, 72%, 75%
XYZ	28.8682, 24.7756, 6.7507
YIQ	133.7050, 63.5020, -5.4740

# Conversions

## Conversions Part 2

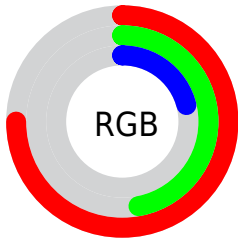
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">191, 181, 54</a>
Decimal	<a href="#">12548150</a>
<a href="#">CIELab</a>	<a href="#">56.86, 22.06, 46.46</a>
<a href="#">CIElCh</a>	<a href="#">57, 51.429, 64.598</a>
<a href="#">Yxy</a>	<a href="#">24.7756, 0.4780, 0.4102</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290738230 (0xFFBF7836)</a>
<a href="#">YUV</a>	<a href="#">133.7050, -39.2946, 50.2477</a>
<a href="#">Hunter-Lab</a>	<a href="#">49.7751, 16.4185, 26.8015</a>

# Details

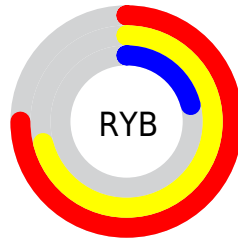
The Hex color **BF7836** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **367DBF**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FBAD68**, and **854700** is the 20% darker color. If you saturate the color by 10%, you get **BF6E23**, and if you desaturate by 10%, it is **BF8249**.

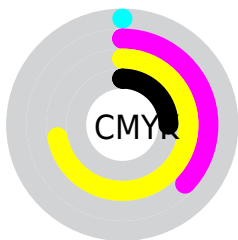
# Distribution



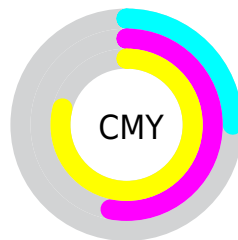
- Red (75%)
- Green (47%)
- Blue (21%)



- Red (75%)
- Yellow (71%)
- Blue (21%)



- Cyan (0%)
- Magenta (37%)
- Yellow (72%)
- Black (25%)



- Cyan (25%)
- Magenta (53%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF7836 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 BF7836 by changing the saturation by 10% instead.



 BF7836

 BF7836

FFFFFF

 A25F1D

 FBAD68

 854700

 FFC882

 693000

 FFE49D

 4C1A00

 FFFF88

 320400

 FFFFD4

 130000

 FFFFF1

 000000

 BF7836

 BF7836

 BF6E23

 BF8249

 BF6410

 BF8C5C

 BF5C00

 BF966F

 BFA082

 BFA996

 BFB3A9

 BFBDBC

 BFC7CF

 BFD1E2

# Harmonies

## Analogous

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



D66758



BF7836



9A8828

# Triad

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



BF7836



009E8E



947AD3

# Complementary

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



BF7836



367DBF

# 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.



368BE2



BF7836



009DBA

# Square

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



BF7836



229B60



0097D9



C468B0

# Rectangle

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



BF7836



7D9131



0097D9



7C80DA



# Sweetspot

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



BF7836



F7DBC1



BF367F



7D6C5C



FCFCFC



7D7D7D



# Same Dimension

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



BF7836



F78923



BFBA36



5E5955



9E4C00



1F0F00



# Inverse Universe

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



367DBF



2391F7



363BBF



555A5E



00529E

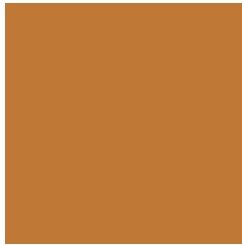


00101F



# Previews

## White Background



This preview shows how the Hex color BF7836 looks on a white background.

## Color Contrast Check

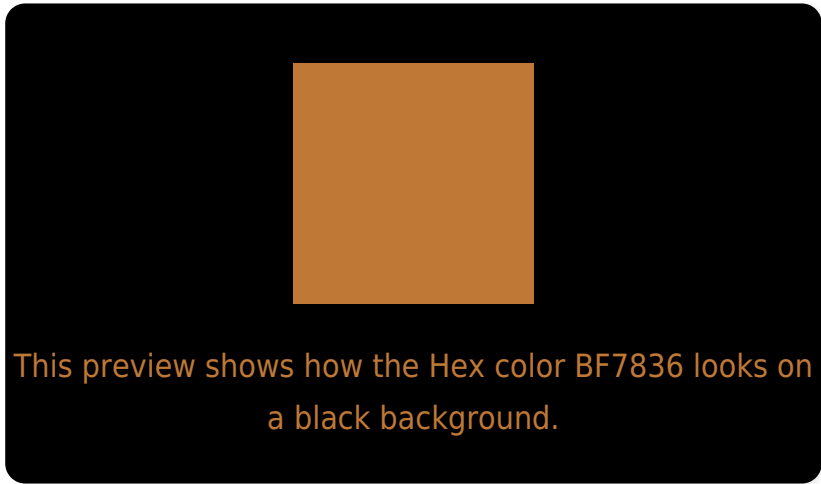
Large Text (above 18pt) WCAG AA ✓ Pass

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

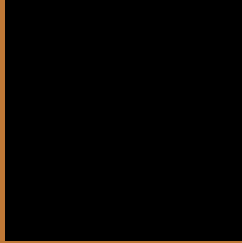
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BF7836 Background



This preview shows how black text looks on a background with the Hex color BF7836.



This preview shows how white text looks on a background with the Hex color BF7836.

# 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**  
BF7836

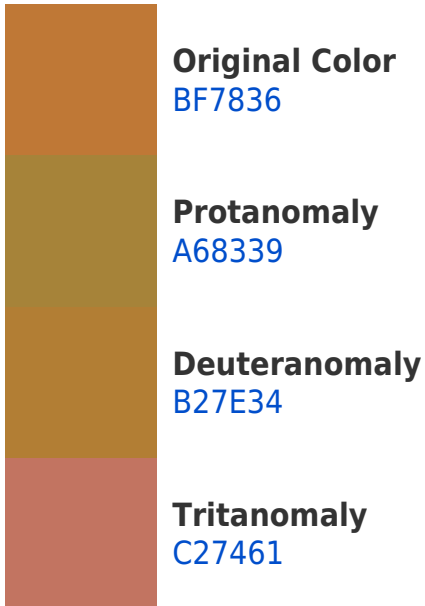
**Protanopia**  
98893B

**Deuteranopia**  
AB8233

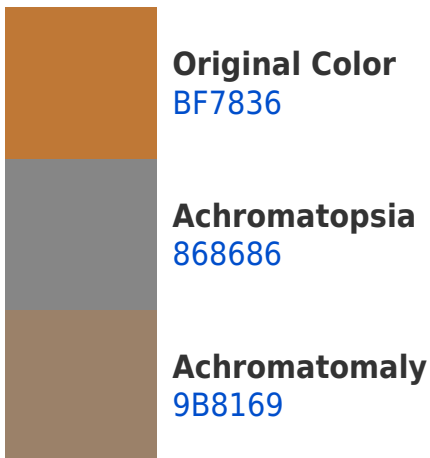


**Tritanopia**  
C37179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF7836 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 #BF7836 looks like.

```
.text, #text, p{  
    color:#BF7836  
}
```

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 #BF7836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF7836  
}
```

## Border

The CSS property to change the border of an element to Hex BF7836 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  
#BF7836 }
```

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

```
.border{ border-color:#BF7836 }
```

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

Here you see how a box with a 4 pixel #BF7836 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF7836; -webkit-box-shadow:4px 4px  
4px 4px #BF7836; box-shadow:4px 4px 4px  
4px #BF7836 }
```

# Background

The CSS property to change the background color of an element to Hex BF7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF7836 }
```

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

```
.background{ background-color:#BF7836 }
```

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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