

# Converting Colors

Hex(BF4906)

Have a look what the booklet for  
Hex(BF4906) contains.

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**Color**

**Hex(BF4906)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF4906
RGB	191, 73, 6
RGB Percent	75%, 29%, 2%
CMY	0.2510, 0.7137, 0.9765
CMYK	0.00, 0.62, 0.97, 0.25
HSL	22°, 94%, 39%
HSV	22°, 97%, 75%
XYZ	23.9013, 15.8546, 1.9728
YIQ	100.6440, 91.8350, 4.1790

# Conversions

## Conversions Part 2

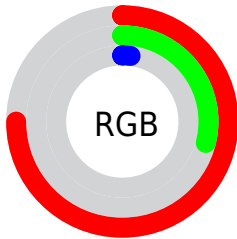
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 111, 6
Decimal	12536070
CIE <sub>Lab</sub>	46.78, 44.98, 55.72
CIE <sub>LCh</sub>	47, 71.606, 51.087
Yxy	15.8546, 0.5728, 0.3799
Android (android.graphics.Color)	4290726150 (0xFFBF4906)
YUV	100.6440, -46.6595, 79.2422
Hunter-Lab	39.8178, 37.4662, 24.9349

# Details

The Hex color **BF4906** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **067CBF**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FE7E3E**, and **811000** is the 20% darker color. If you saturate the color by 10%, you get **BF4500**, and if you desaturate by 10%, it is **BF5519**.

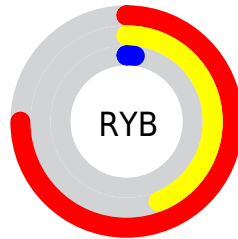
# Distribution



Red (75%)

Green (29%)

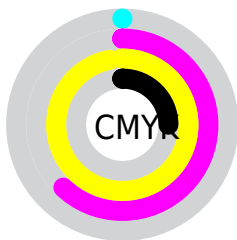
Blue (2%)



Red (75%)

Yellow (44%)

Blue (2%)

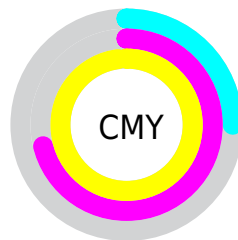


Cyan (0%)

Magenta (62%)

Yellow (97%)

Black (25%)



Cyan (25%)

Magenta (71%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF4906 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 BF4906 by changing the saturation by 10% instead.



 BF4906

 BF4906

FFFFFFC

 A02F00

 FE7E3E

 811000

 FF9957

 630000

 FFB471

 460000

 FFD18B

 2B0001

 FFEEA7

 000000

 FFFFC2

 FFFFDF

 BF4906

 BF4906

■ BF4500

■ BF5519

■ BF612C

■ BF6E3F

■ BF7A52

■ BF8665

■ BF9279

■ BF9E8C

■ BF9A9F

■ BFB7B2

# Harmonies

## Analogous

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



D52448



BF4906



966600

# Triad

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



BF4906



00875A



3467E1

# Complementary

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



BF4906



067CBF

# 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.



007CE7



BF4906



008999

# Square

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



BF4906



008317



0086CC



A346BC

# Rectangle

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



BF4906



737300



0086CC



006FE7



# Sweetspot

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



BF4906



F7CAB0



BF067E



7D6151



FCFCFC



7D7D7D



# Same Dimension

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



BF4906



F75A00



BFA306



5E5855



9E3900



1F0B00



# Inverse Universe

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



067CBF



009EF7



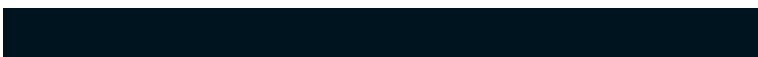
0622BF



555B5E



00659E



00141F



# Previews

## White Background



This preview shows how the Hex color BF4906 looks on a white background.

## Color Contrast Check

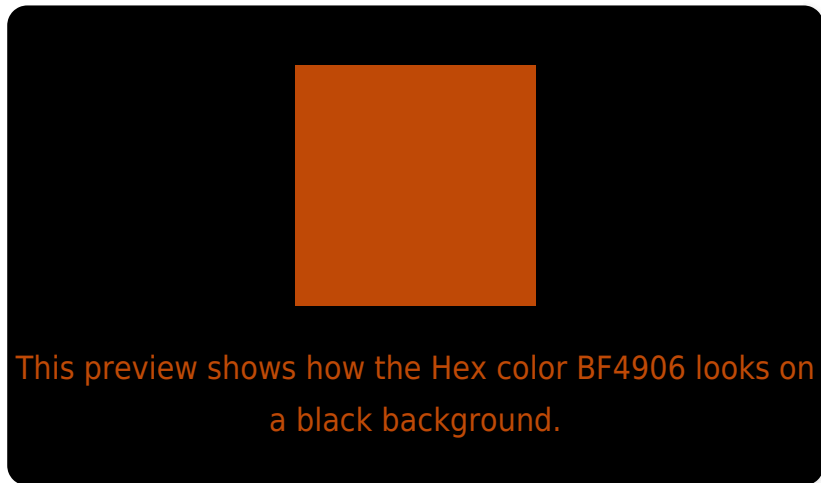
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF4906 Background



This preview shows how black text looks on a background with the Hex color BF4906.



This preview shows how white text looks on a background with the Hex color BF4906.

# 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**  
BF4906

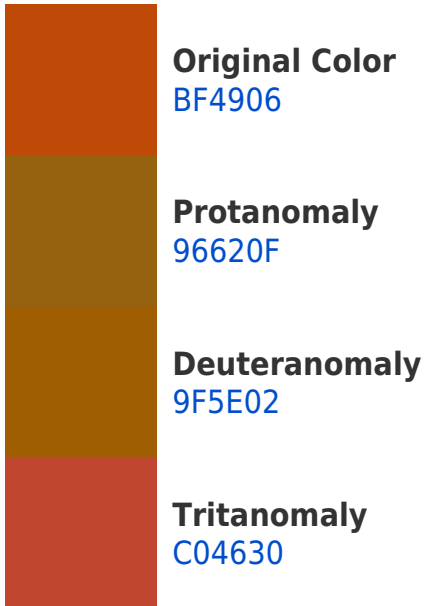
**Protanopia**  
7E7014

**Deuteranopia**  
8D6A00



**Tritanopia**  
C14448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF4906 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 #BF4906 looks like.

```
.text, #text, p{  
    color:#BF4906  
}
```

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 #BF4906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF4906
}
```

## Border

The CSS property to change the border of an element to Hex BF4906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

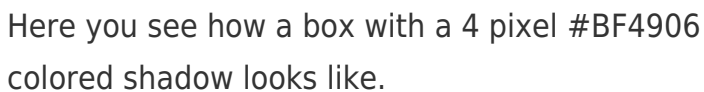
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF4906 }
```

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

```
.border{ border-color:#BF4906 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box.

Here you see how a box with a 4 pixel #BF4906 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF4906; -webkit-box-shadow:4px 4px  
4px 4px #BF4906; box-shadow:4px 4px 4px  
4px #BF4906 }
```

# Background

The CSS property to change the background color of an element to Hex BF4906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF4906 }
```

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

```
.background{ background-color:#BF4906 }
```

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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