

# Converting Colors

Hex(BF8030)

Have a look what the booklet for  
Hex(BF8030) contains.

<b>Hex(BF8030)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BF8030)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF8030
RGB	191, 128, 48
RGB Percent	75%, 50%, 19%
CMY	0.2510, 0.4980, 0.8118
CMYK	0.00, 0.33, 0.75, 0.25
HSL	34°, 60%, 47%
HSV	34°, 75%, 75%
XYZ	29.7385, 26.7281, 6.3880
YIQ	137.7170, 63.2280, -11.5240

# Conversions

## Conversions Part 2

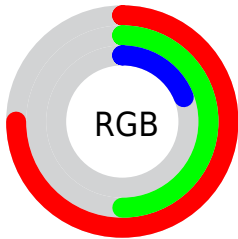
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 191, 48
Decimal	12550192
CIE <sub>Lab</sub>	58.72, 17.36, 51.12
CIE <sub>LCh</sub>	59, 53.986, 71.238
Yxy	26.7281, 0.4731, 0.4252
Android (android.graphics.Color)	4290740272 (0xFFBF8030)
YUV	137.7170, -44.2305, 46.7292
Hunter-Lab	51.6992, 12.2034, 28.8636

# Details

The Hex color **BF8030** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **306FBF**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FBB563**, and **854F00** is the 20% darker color. If you saturate the color by 10%, you get **BF781D**, and if you desaturate by 10%, it is **BF8843**.

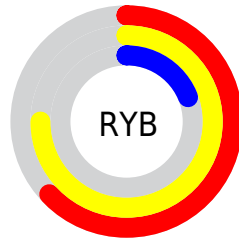
# Distribution



Red (75%)

Green (50%)

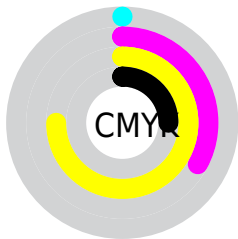
Blue (19%)



Red (63%)

Yellow (75%)

Blue (19%)

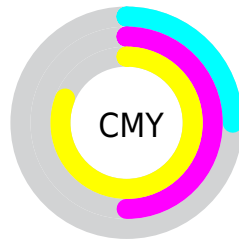


Cyan (0%)

Magenta (33%)

Yellow (75%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF8030 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 BF8030 by changing the saturation by 10% instead.



 BF8030

 BF8030

FFFFFF

 A26715

 FBB563

 854F00

 FFD07D

 693800

 FFED98

 4D2200

 FFFFB3

 320D00

 FFFFCF

 180001

 FFFFEC

 000000

 BF8030

 BF8030

 BF781D

 BF8843

■ BF6F0A

■ BF9156

■ BF6B00

■ BF9969

■ BFA27C

■ BF9A90

■ BFB2A3

■ BFB9B6

■ BFC3C9

■ BFCCDC

# Harmonies

## Analogous

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



DB6E51



BF8030



969128

# Triad

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



BF8030



00A49E



A779D5

# Complementary

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



BF8030



306FBF

# 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.



548CEA



BF8030



00A2CB

# Square

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



BF8030



00A26D



009BE7



D467AD

# Rectangle

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



BF8030



759936



009BE7



9180DF

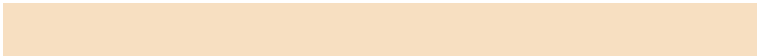


# Sweetspot

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



BF8030



F7DFC1



BF3070



7D6F5C



FCFCFC



7D7D7D



# Same Dimension

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



BF8030



F79519



B8BF30



5E5A55



9E5800



1F1100



# Inverse Universe

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



306FBF



197BF7



3730BF



55595E



00469E



000D1F



# Previews

## White Background



This preview shows how the Hex color BF8030 looks on a white background.

## Color Contrast Check

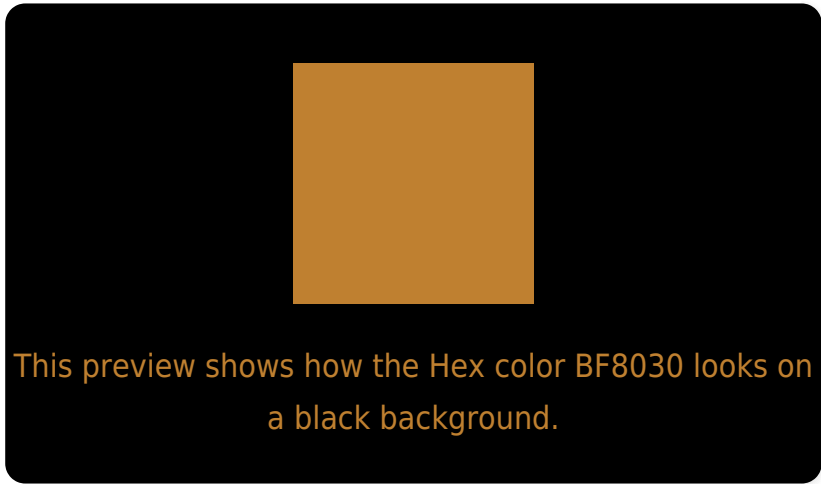
Large Text (above 18pt) WCAG AA ✓ Pass

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

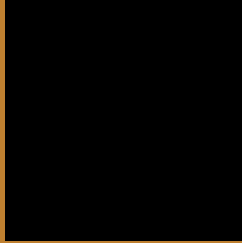
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BF8030 Background



This preview shows how black text looks on a background with the Hex color BF8030.



This preview shows how white text looks on a background with the Hex color BF8030.

# 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**  
BF8030

**Protanopia**  
9E8E34

**Deuteranopia**  
B1872E



**Tritanopia**  
C47881

# Trichromacy



**Original Color**  
BF8030

**Protanomaly**  
AA8933

**Deuteranomaly**  
B6842F

**Tritanomaly**  
C27B64

# Monochromacy



**Original Color**  
BF8030

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
9D8669

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF8030 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 #BF8030 looks like.

```
.text, #text, p{  
    color:#BF8030  
}
```

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 #BF8030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF8030
}
```

## Border

The CSS property to change the border of an element to Hex BF8030 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
#BF8030 }
```

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

```
.border{ border-color:#BF8030 }
```

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

Here you see how a box with a 4 pixel #BF8030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF8030; -webkit-box-shadow:4px 4px  
4px 4px #BF8030; box-shadow:4px 4px 4px  
4px #BF8030 }
```

# Background

The CSS property to change the background color of an element to Hex BF8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF8030 }
```

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

```
.background{ background-color:#BF8030 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor