

# Converting Colors

Hex(806F0C)

Have a look what the booklet for  
Hex(806F0C) contains.

<b>Hex(806F0C)</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(806F0C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	806F0C
RGB	128, 111, 12
RGB Percent	50%, 44%, 5%
CMY	0.4980, 0.5647, 0.9529
CMYK	0.00, 0.13, 0.91, 0.50
HSL	51°, 83%, 27%
HSV	51°, 91%, 50%
XYZ	14.6529, 15.9846, 2.6609
YIQ	104.7970, 41.9110, -27.1850

# Conversions

## Conversions Part 2

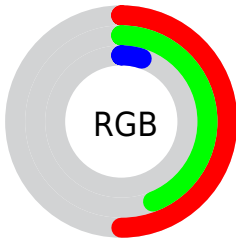
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 128, 12
Decimal	8417036
CIE Lab	46.95, -3.25, 50.50
CIE LCh	47, 50.608, 93.686
Yxy	15.9846, 0.4400, 0.4800
Android (android.graphics.Color)	4286607116 (0xFF806F0C)
YUV	104.7970, -45.7489, 20.3490
Hunter-Lab	39.9808, -4.5464, 24.0406

# Details

The Hex color **806F0C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C1D80**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B8A244**, and **4B4000** is the 20% darker color. If you saturate the color by 10%, you get **806D00**, and if you desaturate by 10%, it is **807119**.

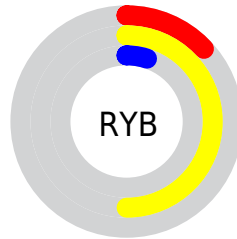
# Distribution



Red (50%)

Green (44%)

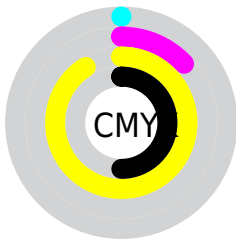
Blue (5%)



Red (13%)

Yellow (50%)

Blue (5%)

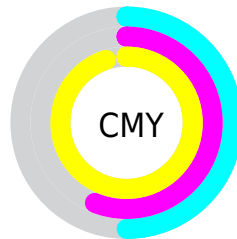


Cyan (0%)

Magenta (13%)

Yellow (91%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806F0C 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 806F0C by changing the saturation by 10% instead.



 806F0C

 806F0C

FFFFFF

 655700

 B8A244

 4B4000

 D5BD5E

 312A00

 F3D978

 181600

 FFF593

 000000

 FFFFAE

 FFFFCA

 FFFF7E

 806F0C

 806F0C

■ 806D00

■ 807119

■ 807326

■ 807532

■ 80773F

■ 80784C

■ 807A59

■ 807C66

■ 807E72

■ 80807F

# Harmonies

## Analogous

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



A25F20



806F0C



547A22

# Triad

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



806F0C



00839D



A74F96

# Complementary

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



806F0C



0C1D80

# 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.



7762B7



806F0C



007DBB

# Square

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



806F0C



008373



0073C4



BB466C

# Rectangle

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



806F0C



2A7F3A



0073C4



9A55A2



# Sweetspot

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



806F0C



A69F79



800C1D



545039



D4D4D4



545454



# Same Dimension

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



806F0C



A68D00



57800C



403F39



806D00



000000



# Inverse Universe

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



0C1D80



0018A6



350C80



393A40



001380

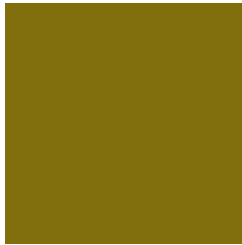


000000



# Previews

## White Background



This preview shows how the Hex color 806F0C looks on a white background.

## Color Contrast Check

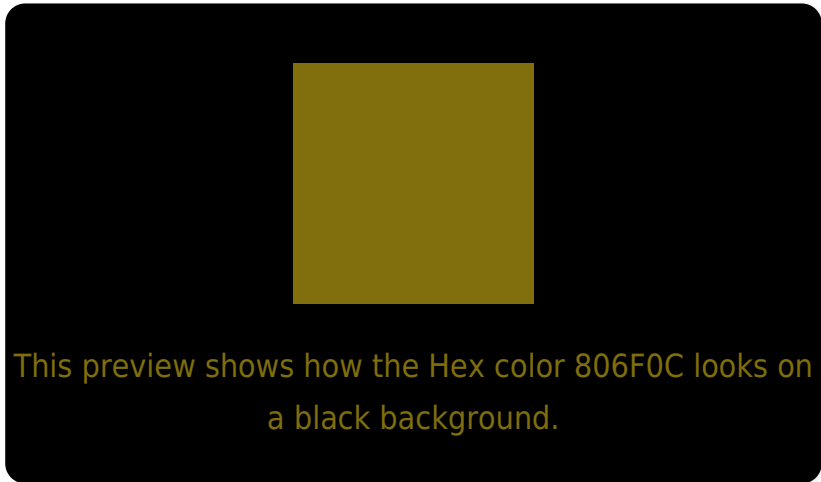
Large Text (above 18pt) WCAG AA ✓ Pass

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 806F0C Background



This preview shows how black text looks on a background with the Hex color 806F0C.



This preview shows how white text looks on a background with the Hex color 806F0C.

# 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**  
806F0C

**Protanopia**  
7E700C

**Deuteranopia**  
8D6A11



**Tritanopia**  
86676F

# Trichromacy



**Original Color**  
806F0C

**Protanomaly**  
7F700C

**Deuteranomaly**  
886C0F

**Tritanomaly**  
846A4B

# Monochromacy



**Original Color**  
806F0C

**Achromatopsia**  
696969

**Achromatomaly**  
716B47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806F0C 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 #806F0C looks like.

```
.text, #text, p{  
    color:#806F0C  
}
```

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 #806F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806F0C
}
```

## Border

The CSS property to change the border of an element to Hex 806F0C 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
#806F0C }
```

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

```
.border{ border-color:#806F0C }
```

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

Here you see how a box with a 4 pixel #806F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806F0C; -webkit-box-shadow:4px 4px  
4px 4px #806F0C; box-shadow:4px 4px 4px  
4px #806F0C }
```

# Background

The CSS property to change the background color of an element to Hex 806F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806F0C }
```

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

```
.background{ background-color:#806F0C }
```

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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