

# Converting Colors

Hex(806F40)

Have a look what the booklet for  
Hex(806F40) contains.

<b>Hex(806F40)</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(806F40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	806F40
RGB	128, 111, 64
RGB Percent	50%, 44%, 25%
CMY	0.4980, 0.5647, 0.7490
CMYK	0.00, 0.13, 0.50, 0.50
HSL	44°, 33%, 38%
HSV	44°, 50%, 50%
XYZ	15.5119, 16.3282, 7.1846
YIQ	110.7250, 25.2190, -11.0130

# Conversions

## Conversions Part 2

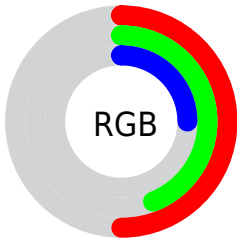
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 128, 64
Decimal	8417088
CIE Lab	47.40, -0.04, 28.50
CIE LCh	47, 28.496, 90.089
Yxy	16.3282, 0.3975, 0.4184
Android (android.graphics.Color)	4286607168 (0xFF806F40)
YUV	110.7250, -23.0354, 15.1502
Hunter-Lab	40.4082, -2.1916, 17.7440

# Details

The Hex color **806F40** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **405180**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B6A271**, and **4D4013** is the 20% darker color. If you saturate the color by 10%, you get **806C33**, and if you desaturate by 10%, it is **80724D**.

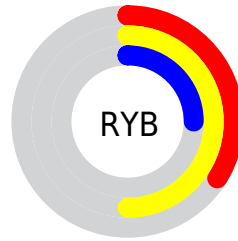
# Distribution



Red (50%)

Green (44%)

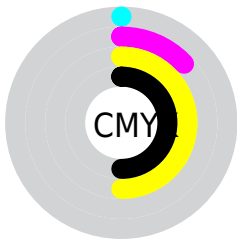
Blue (25%)



Red (34%)

Yellow (50%)

Blue (25%)

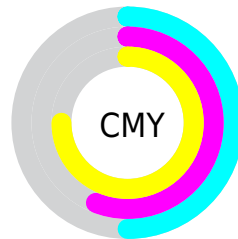


Cyan (0%)

Magenta (13%)

Yellow (50%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806F40 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 806F40 by changing the saturation by 10% instead.





806F40



806F40

FFFFFF



665729



B6A271



4D4013



D2BD8A



362A00



EFD9A5



1D1600



FFF6C0



000000



FFFFDC



FFFFF9



806F40



806F40



806C33



80724D

■ 806826

■ 80765A

■ 80651A

■ 807966

■ 80610D

■ 807D73

■ 805E00

■ 808080

■ 80838D

■ 80879A

■ 808AA6

■ 808EB3

# Harmonies

## Analogous

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



936748



806F40



677646

# Triad

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



806F40



007D88



8F6289

# Complementary

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



806F40



405180

# 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.



736A9A



806F40



207999

# Square

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



806F40



287D70



4D73A0



9D5E71

# Rectangle

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



806F40



547A51



4D73A0



87648F



# Sweetspot

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



806F40



A69F8D



804051



545045



D4D4D4



545454



# Same Dimension

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



806F40



A68B42



718040



403E39



805E00



000000



# Inverse Universe

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



405180



425DA6



4F4080



393B40



002280



000000



# Previews

## White Background



This preview shows how the Hex color 806F40 looks on a white background.

## Color Contrast Check

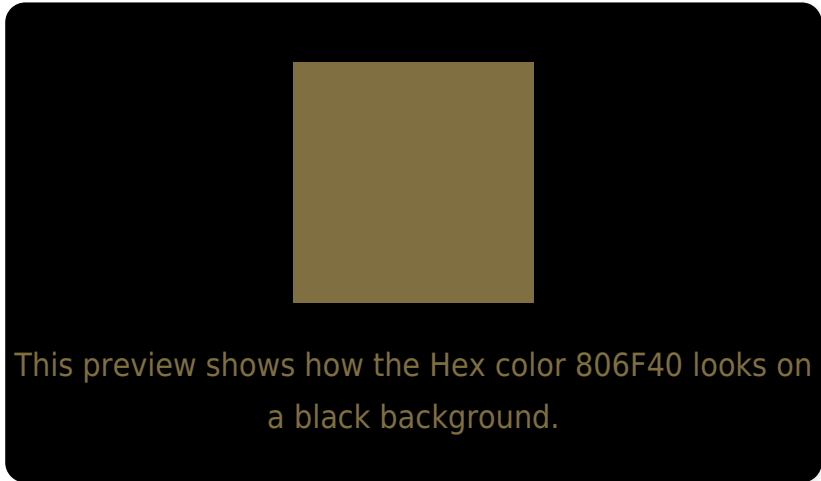
Large Text (above 18pt) WCAG AA ✓ Pass

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

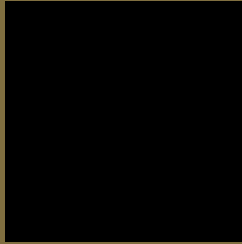
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806F40 Background



This preview shows how black text looks on a background with the Hex color 806F40.

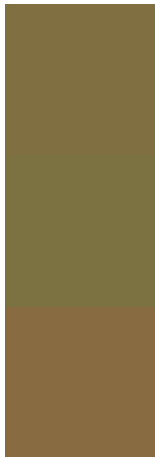


This preview shows how white text looks on a background with the Hex color 806F40.

# 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**  
806F40

**Protanopia**  
7B7141

**Deuteranopia**  
896B41



**Tritanopia**  
856971

# Trichromacy



**Original Color**  
806F40

**Protanomaly**  
7D7041

**Deuteranomaly**  
866C41

**Tritanomaly**  
836B5F

# Monochromacy



**Original Color**  
806F40

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
756F5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806F40 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 #806F40 looks like.

```
.text, #text, p{  
    color:#806F40  
}
```

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 #806F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806F40  
}
```

## Border

The CSS property to change the border of an element to Hex 806F40 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  
#806F40 }
```

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

```
.border{ border-color:#806F40 }
```

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

Here you see how a box with a 4 pixel #806F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806F40; -webkit-box-shadow:4px 4px  
4px 4px #806F40; box-shadow:4px 4px 4px  
4px #806F40 }
```

# Background

The CSS property to change the background color of an element to Hex 806F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806F40 }
```

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

```
.background{ background-color:#806F40 }
```

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