

# Converting Colors

Hex(806D47)

Have a look what the booklet for  
Hex(806D47) contains.

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**Color**

**Hex(806D47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806D47
RGB	128, 109, 71
RGB Percent	50%, 43%, 28%
CMY	0.4980, 0.5725, 0.7216
CMYK	0.00, 0.15, 0.45, 0.50
HSL	40°, 29%, 39%
HSV	40°, 45%, 50%
XYZ	15.5081, 15.9814, 8.2286
YIQ	110.3490, 23.5220, -7.7900

# Conversions

## Conversions Part 2

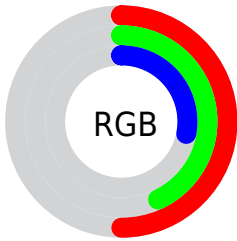
Format	Color
<a href="#">RYB</a>	<a href="#">100, 128, 71</a>
Decimal	<a href="#">8416583</a>
CIELab	<a href="#">46.95, 1.88, 23.98</a>
CIElCh	<a href="#">47, 24.051, 85.513</a>
Yxy	<a href="#">15.9814, 0.3905, 0.4024</a>
Android (android.graphics.Color)	<a href="#">4286606663 (0xFF806D47)</a>
YUV	<a href="#">110.3490, -19.3991, 15.4799</a>
Hunter-Lab	<a href="#">39.9767, -0.7144, 15.7798</a>

# Details

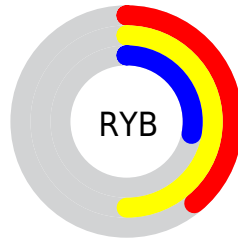
The Hex color **806D47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **475A80**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B6A078**, and **4D3E1A** is the 20% darker color. If you saturate the color by 10%, you get **80693A**, and if you desaturate by 10%, it is **807154**.

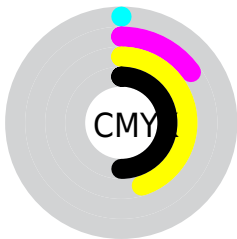
# Distribution



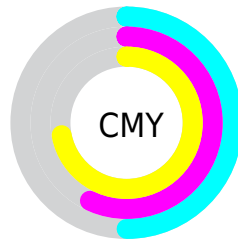
- Red (50%)
- Green (43%)
- Blue (28%)



- Red (39%)
- Yellow (50%)
- Blue (28%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (57%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806D47 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 806D47 by changing the saturation by 10% instead.





806D47



806D47

FFFFFF



665530



B6A078



4D3E1A



D2BB92



362802



EFD7AD



1F1400



FFF3C8



000000



FFFEE4



806D47



806D47



80693A



807154



80642D



807661

 806021

 807A6D

 805C14

 807E7A

 805807

 808287

 805500

 808794

 808BA1

 808FAD

 8093BA

# Harmonies

## Analogous

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



90664F



806D47



6B734A

# Triad

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



806D47



2A7A80



866486

# Complementary

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



806D47



475A80

# 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.



6E6B94



806D47



337790

# Square

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



806D47



3C7A6B



4F7297



946073

# Rectangle

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



806D47



5C7752



4F7297



7F668C



# Sweetspot

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



806D47



A69F90



80475A



545047



D4D4D4



545454



# Same Dimension

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



806D47



A6884E



778047



403E39



805500



000000



# Inverse Universe

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



475A80



4E6BA6



504780



393C40



002A80



000000



# Previews

## White Background



This preview shows how the Hex color 806D47 looks on a white background.

## Color Contrast Check

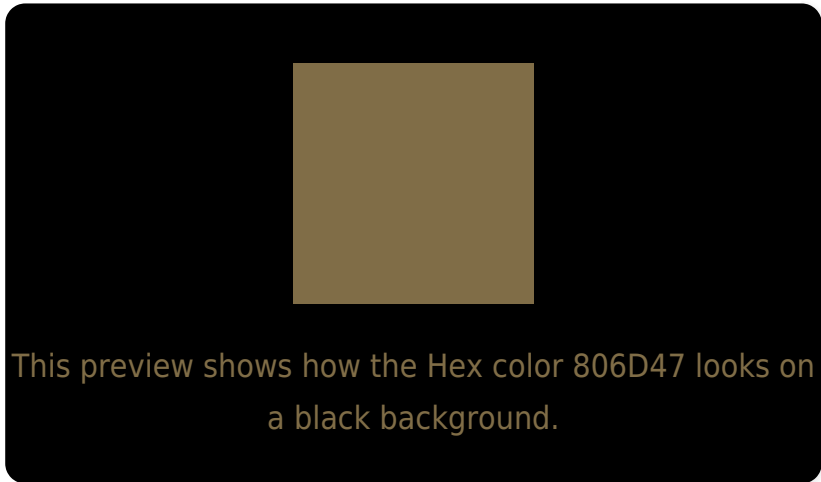
Large Text (above 18pt) WCAG AA ✓ Pass

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

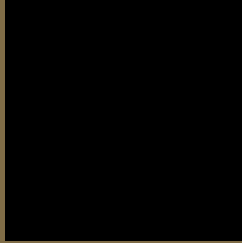
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806D47 Background



This preview shows how black text looks on a background with the Hex color 806D47.



This preview shows how white text looks on a background with the Hex color 806D47.

# 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**  
806D47

**Protanopia**  
796F48

**Deuteranopia**  
866A48



**Tritanopia**  
846870

# Trichromacy



**Original Color**  
806D47

**Protanomaly**  
7C6E48

**Deuteranomaly**  
846B48

**Tritanomaly**  
836A61

# Monochromacy



**Original Color**  
806D47

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
756E60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806D47 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 #806D47 looks like.

```
.text, #text, p{  
    color:#806D47  
}
```

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 #806D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806D47
}
```

## Border

The CSS property to change the border of an element to Hex 806D47 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
#806D47 }
```

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

```
.border{ border-color:#806D47 }
```

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

Here you see how a box with a 4 pixel #806D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806D47; -webkit-box-shadow:4px 4px  
4px 4px #806D47; box-shadow:4px 4px 4px  
4px #806D47 }
```

# Background

The CSS property to change the background color of an element to Hex 806D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806D47 }
```

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

```
.background{ background-color:#806D47 }
```

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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