

# Converting Colors

Hex(806D59)

Have a look what the booklet for  
Hex(806D59) contains.

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**Color**

**Hex(806D59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806D59
RGB	128, 109, 89
RGB Percent	50%, 43%, 35%
CMY	0.4980, 0.5725, 0.6510
CMYK	0.00, 0.15, 0.30, 0.50
HSL	31°, 18%, 43%
HSV	31°, 30%, 50%
XYZ	16.1739, 16.2477, 11.7349
YIQ	112.4010, 17.7440, -2.1920

# Conversions

## Conversions Part 2

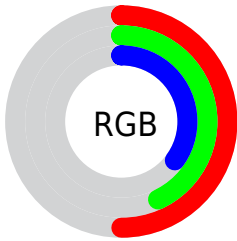
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 128, 89
Decimal	8416601
CIE <sub>Lab</sub>	47.30, 4.24, 13.96
CIE <sub>LCh</sub>	47, 14.586, 73.108
Yxy	16.2477, 0.3663, 0.3680
Android (android.graphics.Color)	4286606681 (0xFF806D59)
YUV	112.4010, -11.5367, 13.6803
Hunter-Lab	40.3085, 1.0838, 10.9551

# Details

The Hex color **806D59** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **596C80**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B5A08B**, and **4E3E2B** is the 20% darker color. If you saturate the color by 10%, you get **80674C**, and if you desaturate by 10%, it is **807366**.

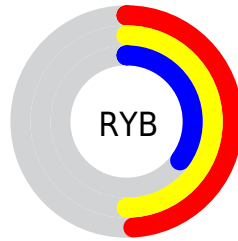
# Distribution



Red (50%)

Green (43%)

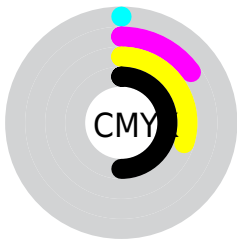
Blue (35%)



Red (49%)

Yellow (50%)

Blue (35%)

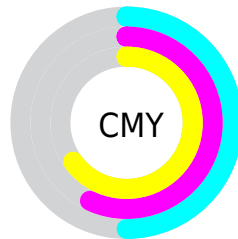


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (50%)



Cyan (50%)

Magenta (57%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806D59 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 806D59 by changing the saturation by 10% instead.





806D59



806D59

FFFFFF



675542



B5A08B



4E3E2B



D1BBA5



372817



EED7C1



221300



FFF4DC



000000



FFFFF9



806D59



806D59



80674C



807366



80613F



807973

■ 805A33

■ 80807F

■ 805426

■ 80868C

■ 804E19

■ 808C99

■ 80480C

■ 8092A6

■ 804200

■ 8099B3

■ 809FBF

■ 80A5CC

# Harmonies

## Analogous

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



886960



806D59



747158

# Triad

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



806D59



507775



796B82

# Complementary

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



806D59



596C80

# 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.



696F88



806D59



507680

# Square

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



806D59



597769



5A7387



846878

# Rectangle

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



806D59



6B735B



5A7387



746D85



# Sweetspot

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



806D59



A69E97



80596D



54504B



D4D4D4



545454



# Same Dimension

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



806D59



A68868



808059



403D39



804100



000000



# Inverse Universe

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



596C80



6886A6



595980



393C40



003E80



000000



# Previews

## White Background



This preview shows how the Hex color 806D59 looks on a white background.

## Color Contrast Check

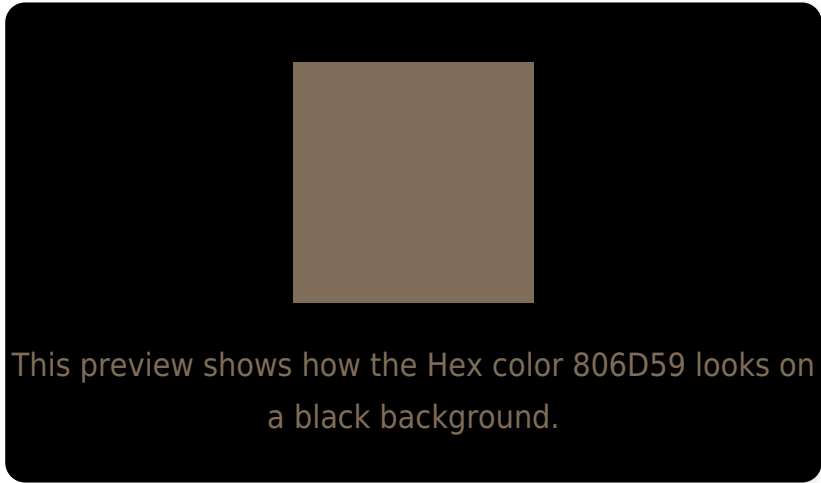
Large Text (above 18pt) WCAG AA ✓ Pass

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

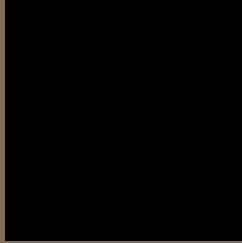
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806D59 Background



This preview shows how black text looks on a background with the Hex color 806D59.



This preview shows how white text looks on a background with the Hex color 806D59.

# 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**  
806D59

**Protanopia**  
77705A

**Deuteranopia**  
836C59



**Tritanopia**  
836A72

# Trichromacy



**Original Color**  
806D59

**Protanomaly**  
7A6F5A

**Deuteranomaly**  
826C59

**Tritanomaly**  
826B69

# Monochromacy



**Original Color**  
806D59

**Achromatopsia**  
707070

**Achromatomaly**  
766F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806D59 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 #806D59 looks like.

```
.text, #text, p{  
    color:#806D59  
}
```

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 #806D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806D59
}
```

## Border

The CSS property to change the border of an element to Hex 806D59 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
#806D59 }
```

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

```
.border{ border-color:#806D59 }
```

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

Here you see how a box with a 4 pixel #806D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806D59; -webkit-box-shadow:4px 4px  
4px 4px #806D59; box-shadow:4px 4px 4px  
4px #806D59 }
```

# Background

The CSS property to change the background color of an element to Hex 806D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806D59 }
```

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

```
.background{ background-color:#806D59 }
```

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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