

# Converting Colors

Hex(806D60)

Have a look what the booklet for  
Hex(806D60) contains.

<b>Hex(806D60)</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(806D60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806D60
RGB	128, 109, 96
RGB Percent	50%, 43%, 38%
CMY	0.4980, 0.5725, 0.6235
CMYK	0.00, 0.15, 0.25, 0.50
HSL	24°, 14%, 44%
HSV	24°, 25%, 50%
XYZ	16.4820, 16.3710, 13.3576
YIQ	113.1990, 15.4970, -0.0150

# Conversions

## Conversions Part 2

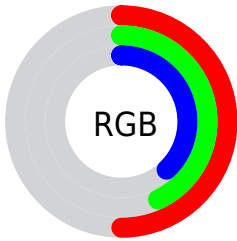
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 118, 96
Decimal	8416608
CIE <sub>Lab</sub>	47.46, 5.30, 10.03
CIE <sub>LCh</sub>	47, 11.346, 62.160
Yxy	16.3710, 0.3567, 0.3543
Android (android.graphics.Color)	4286606688 (0xFF806D60)
YUV	113.1990, -8.4791, 12.9805
Hunter-Lab	40.4611, 1.9060, 8.7492

# Details

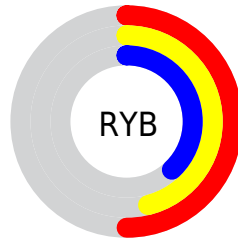
The Hex color **806D60** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **607380**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B5A093**, and **4E3E32** is the 20% darker color. If you saturate the color by 10%, you get **806553**, and if you desaturate by 10%, it is **80756D**.

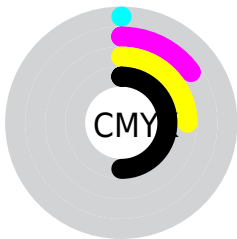
# Distribution



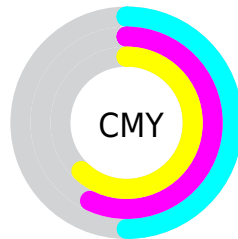
- Red (50%)
- Green (43%)
- Blue (38%)



- Red (50%)
- Yellow (46%)
- Blue (38%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (50%)



- Cyan (50%)
- Magenta (57%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806D60 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 806D60 by changing the saturation by 10% instead.



 806D60

 806D60

FFFFFF

 675548

 B5A093

 4E3E32

 D1BBAD

 37281D

 EDD7C8

 221303

 FFF4E5

 000000

 806D60

 806D60

 806553

 80756D

 805E46

 807C7A

 80563A

 808486

■ 804F2D

■ 808B93

■ 804720

■ 8093A0

■ 803F13

■ 809BAD

■ 803806

■ 80A2BA

■ 803400

■ 80AAC6

■ 80B1D3

# Harmonies

## Analogous

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



846B67



806D60



78705E

# Triad

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



806D60



5A7671



736E81

# Complementary

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



806D60



607380

# 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.



677183



806D60



58767A

# Square

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



806D60



627567



5C7481



7E6B7A

# Rectangle

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



806D60



71725F



5C7481



6F6F82



# Sweetspot

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



806D60



A69E98



806073



544F4C



D4D4D4



545454



# Same Dimension

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



806D60



A68874



807D60



403C39



803400



000000



# Inverse Universe

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



607380



7492A6



606380



393D40



004C80



000000



# Previews

## White Background



This preview shows how the Hex color 806D60 looks on a white background.

## Color Contrast Check

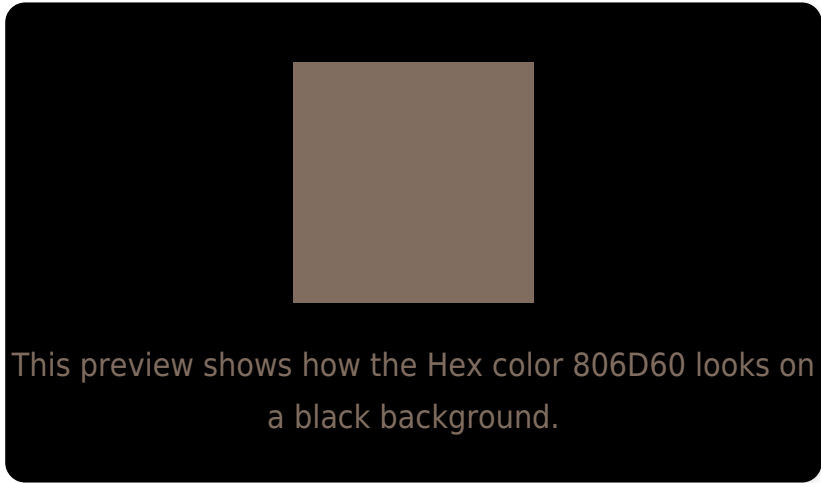
Large Text (above 18pt) WCAG AA ✓ Pass

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

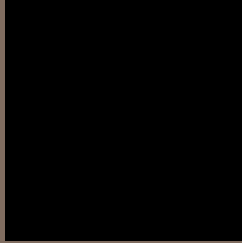
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806D60 Background



This preview shows how black text looks on a background with the Hex color 806D60.



This preview shows how white text looks on a background with the Hex color 806D60.

# 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**  
806D60

**Protanopia**  
767062

**Deuteranopia**  
816C60



**Tritanopia**  
826A73

# Trichromacy



**Original Color**  
806D60

**Protanomaly**  
7A6F61

**Deuteranomaly**  
816C60

**Tritanomaly**  
816B6C

# Monochromacy



**Original Color**  
806D60

**Achromatopsia**  
717171

**Achromatomaly**  
76706B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806D60 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 #806D60 looks like.

```
.text, #text, p{  
    color:#806D60  
}
```

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 #806D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806D60
}
```

## Border

The CSS property to change the border of an element to Hex 806D60 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
#806D60 }
```

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

```
.border{ border-color:#806D60 }
```

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

Here you see how a box with a 4 pixel #806D60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806D60; -webkit-box-shadow:4px 4px  
4px 4px #806D60; box-shadow:4px 4px 4px  
4px #806D60 }
```

# Background

The CSS property to change the background color of an element to Hex 806D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806D60 }
```

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

```
.background{ background-color:#806D60 }
```

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