

# Converting Colors

Hex(806E55)

Have a look what the booklet for  
Hex(806E55) contains.

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**Color**

**Hex(806E55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806E55
RGB	128, 110, 85
RGB Percent	50%, 43%, 33%
CMY	0.4980, 0.5686, 0.6667
CMYK	0.00, 0.14, 0.34, 0.50
HSL	35°, 20%, 42%
HSV	35°, 34%, 50%
XYZ	16.1177, 16.3969, 10.9098
YIQ	112.5320, 18.7530, -3.9590

# Conversions

## Conversions Part 2

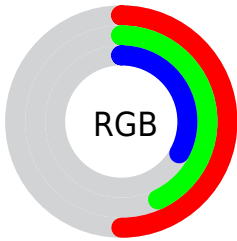
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 128, 85
Decimal	8416853
CIE <sub>Lab</sub>	47.49, 3.08, 16.57
CIE <sub>LCh</sub>	47, 16.859, 79.458
Yxy	16.3969, 0.3712, 0.3776
Android (android.graphics.Color)	4286606933 (0xFF806E55)
YUV	112.5320, -13.5733, 13.5654
Hunter-Lab	40.4931, 0.1864, 12.3711

# Details

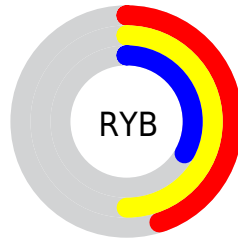
The Hex color **806E55** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **556780**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B5A187**, and **4E3F28** is the 20% darker color. If you saturate the color by 10%, you get **806948**, and if you desaturate by 10%, it is **807362**.

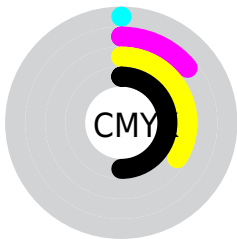
# Distribution



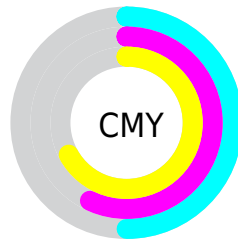
- Red (50%)
- Green (43%)
- Blue (33%)



- Red (45%)
- Yellow (50%)
- Blue (33%)



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (50%)



- Cyan (50%)
- Magenta (57%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806E55 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 806E55 by changing the saturation by 10% instead.



 806E55

 806E55

FFFFFF

 66563E

 B5A187

 4E3F28

 D1BCA1

 362913

 EED8BC

 211400

 FFF5D8

 000000

 FFFFF4

 806E55

 806E55

 806948

 807362

 80633B

 80796F

 805E2F

 807E7B

 805922

 808388

 805315

 808995

 804E08

 808EA2

 804A00

 8094AF

 8099BB

 809EC8

# Harmonies

## Analogous

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



8A6A5C



806E55



727356

# Triad

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



806E55



49797A



7E6A83

# Complementary

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



806E55



556780

# 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.



6C6F8B



806E55



4B7786

# Square

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



806E55



52786B



59738C



8A6776

# Rectangle

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



806E55



67755A



59738C



796C87



# Sweetspot

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



806E55



A69F95



805568



54504A



D4D4D4



545454



# Same Dimension

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



806E55



A68A63



7D8055



403D39



804A00



000000



# Inverse Universe

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



556780



637FA6



585580



393C40



003580



000000



# Previews

## White Background



This preview shows how the Hex color 806E55 looks on a white background.

## Color Contrast Check

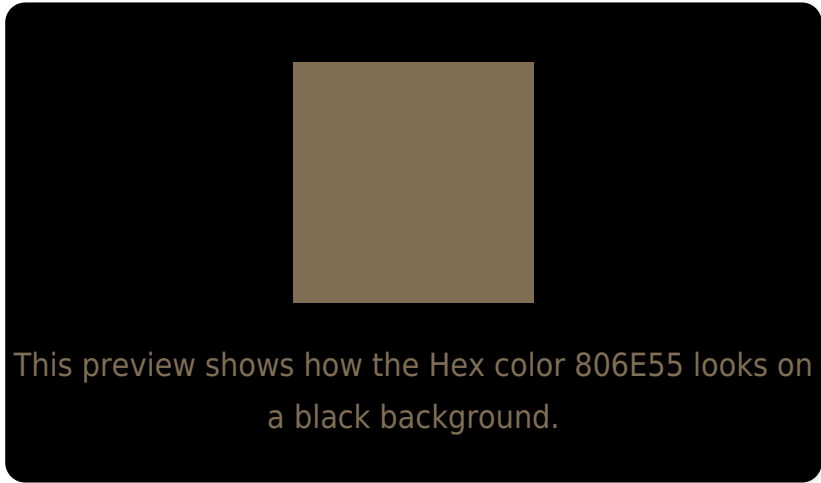
Large Text (above 18pt) WCAG AA ✓ Pass

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

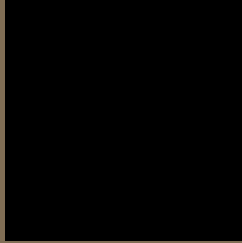
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806E55 Background



This preview shows how black text looks on a background with the Hex color 806E55.



This preview shows how white text looks on a background with the Hex color 806E55.

# 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**  
806E55

**Protanopia**  
787156

**Deuteranopia**  
856C55



**Tritanopia**  
836A72

# Trichromacy



**Original Color**  
806E55

**Protanomaly**  
7B7056

**Deuteranomaly**  
836D55

**Tritanomaly**  
826B67

# Monochromacy



**Original Color**  
806E55

**Achromatopsia**  
717171

**Achromatomaly**  
767067

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806E55 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 #806E55 looks like.

```
.text, #text, p{  
    color:#806E55  
}
```

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 #806E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806E55
}
```

## Border

The CSS property to change the border of an element to Hex 806E55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

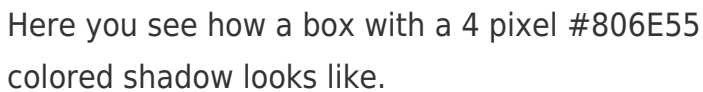
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806E55 }
```

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

```
.border{ border-color:#806E55 }
```

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



Here you see how a box with a 4 pixel #806E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806E55; -webkit-box-shadow:4px 4px  
4px 4px #806E55; box-shadow:4px 4px 4px  
4px #806E55 }
```

# Background

The CSS property to change the background color of an element to Hex 806E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806E55 }
```

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

```
.background{ background-color:#806E55 }
```

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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