

Converting Colors

Hex(806B61)

Have a look what the booklet for
Hex(806B61) contains.

Hex(806B61)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(806B61)

Conversions

Conversions Part 1

Format	Color
Hex	806B61
RGB	128, 107, 97
RGB Percent	50%, 42%, 38%
CMY	0.4980, 0.5804, 0.6196
CMYK	0.00, 0.16, 0.24, 0.50
HSL	19°, 14%, 44%
HSV	19°, 24%, 50%
XYZ	16.3175, 15.9677, 13.5313
YIQ	112.1390, 15.7260, 1.3420

Conversions

Conversions Part 2

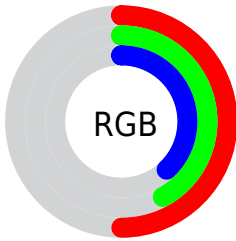
Format	Color
R_{YB}	128, 112, 97
Decimal	8416097
CIE _{Lab}	46.93, 6.63, 8.70
CIE _{LCh}	47, 10.938, 52.672
Yxy	15.9677, 0.3561, 0.3485
Android (android.graphics.Color)	4286606177 (0xFF806B61)
YUV	112.1390, -7.4635, 13.9101
Hunter-Lab	39.9595, 2.9611, 7.8946

Details

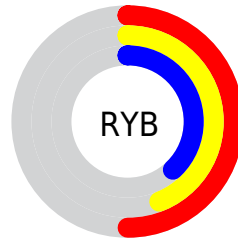
The Hex color **806B61** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **617680**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B59E94**, and **4E3C33** is the 20% darker color. If you saturate the color by 10%, you get **806254**, and if you desaturate by 10%, it is **80746E**.

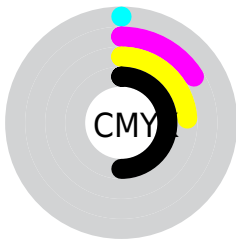
Distribution



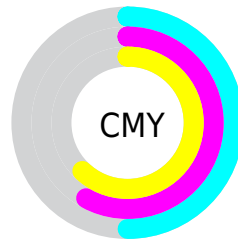
- Red (50%)
- Green (42%)
- Blue (38%)



- Red (50%)
- Yellow (44%)
- Blue (38%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806B61 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 806B61 by changing the saturation by 10% instead.

 806B61

 806B61

FFFFFF

 675349

 B59E94

 4E3C33

 D1B9AE

 37261E

 EDD5CA

 221204

 FFF1E6

 000000

 806B61

 806B61

 806254

 80746E

 805A47

 807C7B

 80513B

 808587

■ 80482E

■ 808E94

■ 804021

■ 8096A1

■ 803714

■ 809FAE

■ 802E07

■ 80A8BB

■ 802900

■ 80B0C7

■ 80B9D4

Harmonies

Analogous

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



836969



806B61



796E5D

Triad

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



806B61



5C756D



6E6E80

Complementary

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



806B61



617680

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.



627181



806B61



577576

Square

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



806B61



657364



5A737E



796B7A

Rectangle

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



806B61



73705D



5A737E



6A6F81

Sweetspot

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



806B61



A69E9A



806176



54504D



D4D4D4



545454

Same Dimension

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



806B61



A68576



807A61



403B39



802900



000000

Inverse Universe

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



617680



7696A6



616780



393E40



005680



000000

Previews

White Background



This preview shows how the Hex color 806B61 looks on a white background.

Color Contrast Check

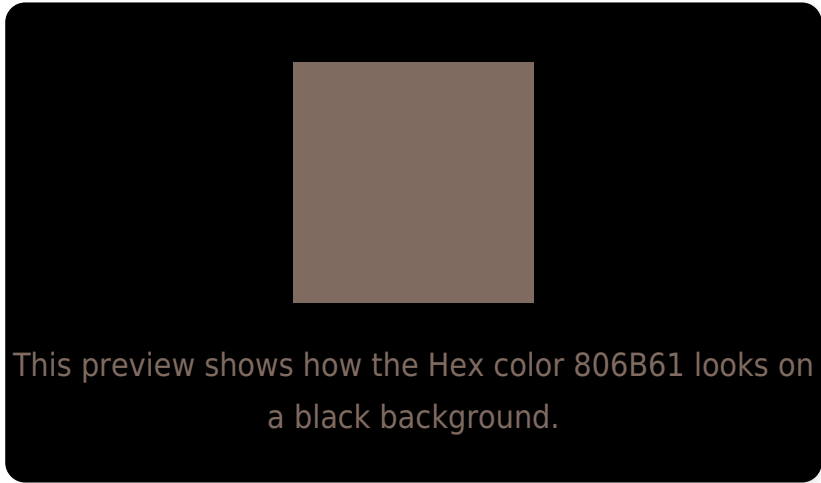
Large Text (above 18pt) WCAG AA ✓ Pass

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

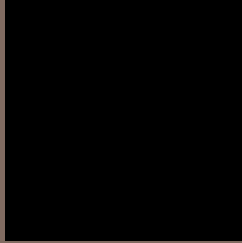
Any Text WCAG AA × Fail

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 806B61 Background



This preview shows how black text looks on a background with the Hex color 806B61.



This preview shows how white text looks on a background with the Hex color 806B61.

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
806B61

Protanopia
746F63

Deuteranopia
7F6B61



Tritanopia
826971

Trichromacy



Original Color
806B61

Protanomaly
786E62

Deuteranomaly
7F6B61

Tritanomaly
816A6B

Monochromacy



Original Color
806B61

Achromatopsia
707070

Achromatomaly
766E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 806B61 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 #806B61 looks like.

```
.text, #text, p{  
    color:#806B61  
}
```

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 #806B61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806B61
}
```

Border

The CSS property to change the border of an element to Hex 806B61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

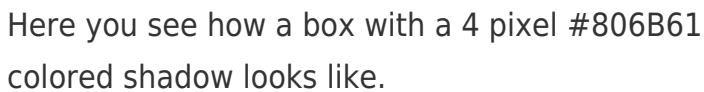
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806B61 }
```

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

```
.border{ border-color:#806B61 }
```

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



Here you see how a box with a 4 pixel #806B61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806B61; -webkit-box-shadow:4px 4px  
4px 4px #806B61; box-shadow:4px 4px 4px  
4px #806B61 }
```

Background

The CSS property to change the background color of an element to Hex 806B61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806B61 }
```

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

```
.background{ background-color:#806B61 }
```

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