

# Converting Colors

Hex(806B4B)

Have a look what the booklet for  
Hex(806B4B) contains.

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**Color**

**Hex(806B4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806B4B
RGB	128, 107, 75
RGB Percent	50%, 42%, 29%
CMY	0.4980, 0.5804, 0.7059
CMYK	0.00, 0.16, 0.41, 0.50
HSL	36°, 26%, 40%
HSV	36°, 41%, 50%
XYZ	15.4298, 15.6126, 8.8569
YIQ	109.6310, 22.7880, -5.5000

# Conversions

## Conversions Part 2

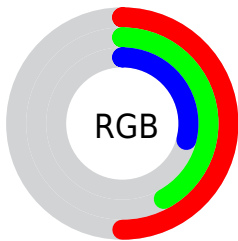
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 128, 75
Decimal	8416075
CIELab	46.46, 3.52, 21.04
CIELCh	46, 21.329, 80.488
Yxy	15.6126, 0.3867, 0.3913
Android (android.graphics.Color)	4286606155 (0xFF806B4B)
YUV	109.6310, -17.0731, 16.1096
Hunter-Lab	39.5128, 0.5571, 14.3689

# Details

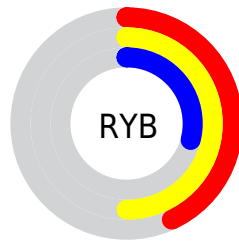
The Hex color **806B4B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B6080**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B69E7C**, and **4D3C1E** is the 20% darker color. If you saturate the color by 10%, you get **80663E**, and if you desaturate by 10%, it is **807058**.

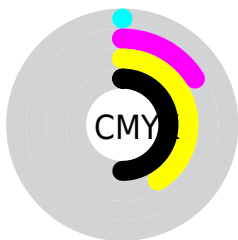
# Distribution



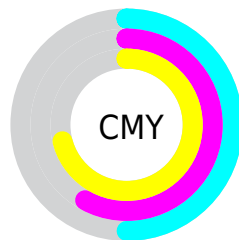
- Red (50%)
- Green (42%)
- Blue (29%)



- Red (43%)
- Yellow (50%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (41%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806B4B 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 806B4B by changing the saturation by 10% instead.





806B4B



806B4B

FFFFFF



665334



B69E7C



4D3C1E



D2B996



362607



EED5B1



1F1200



FFF1CC



000000



FFFFE9



806B4B



806B4B



80663E



807058



806131



807565

■ 805C25

■ 807A71

■ 805718

■ 807F7E

■ 80520B

■ 80848B

■ 804D00

■ 808998

■ 808FA5

■ 8094B1

■ 8099BE

# Harmonies

## Analogous

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



8D6553



806B4B



6E714C

# Triad

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



806B4B



37787A



7F6585

# Complementary

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



806B4B



4B6080

# 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.



696C8F



806B4B



3A7689

# Square

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



806B4B



457868



4F7291



8E6175

# Rectangle

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



806B4B



617452



4F7291



796789



# Sweetspot

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



806B4B



A69E92



804B60



544F48



D4D4D4



545454



# Same Dimension

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



806B4B



A68553



7B804B



403D39



804D00



000000



# Inverse Universe

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



4B6080



5374A6



504B80



393C40



003380

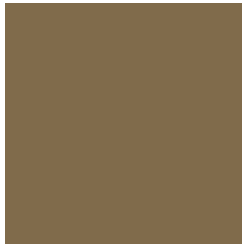


000000



# Previews

## White Background



This preview shows how the Hex color 806B4B looks on a white background.

## Color Contrast Check

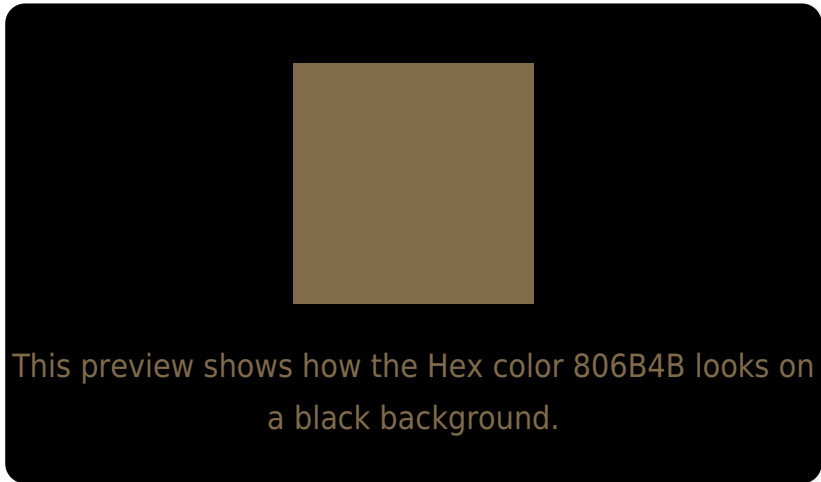
Large Text (above 18pt) WCAG AA ✓ Pass

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

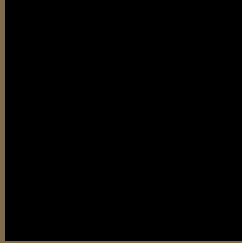
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806B4B Background



This preview shows how black text looks on a background with the Hex color 806B4B.



This preview shows how white text looks on a background with the Hex color 806B4B.

# 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**  
806B4B

**Protanopia**  
776E4C

**Deuteranopia**  
84694B



**Tritanopia**  
84666E

# Trichromacy



**Original Color**  
806B4B

**Protanomaly**  
7A6D4C

**Deuteranomaly**  
836A4B

**Tritanomaly**  
836861

# Monochromacy



**Original Color**  
806B4B

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
756D61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806B4B 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 #806B4B looks like.

```
.text, #text, p{  
    color:#806B4B  
}
```

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 #806B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806B4B
}
```

## Border

The CSS property to change the border of an element to Hex 806B4B 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
#806B4B }
```

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

```
.border{ border-color:#806B4B }
```

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

Here you see how a box with a 4 pixel #806B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806B4B; -webkit-box-shadow:4px 4px  
4px 4px #806B4B; box-shadow:4px 4px 4px  
4px #806B4B }
```

# Background

The CSS property to change the background color of an element to Hex 806B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806B4B }
```

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

```
.background{ background-color:#806B4B }
```

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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