

# Converting Colors

Hex(806C39)

Have a look what the booklet for  
Hex(806C39) contains.

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**Color**

**Hex(806C39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	806C39
RGB	128, 108, 57
RGB Percent	50%, 42%, 22%
CMY	0.4980, 0.5765, 0.7765
CMYK	0.00, 0.16, 0.55, 0.50
HSL	43°, 38%, 36%
HSV	43°, 55%, 50%
XYZ	15.0032, 15.6097, 6.0931
YIQ	108.1660, 28.2910, -11.6210

# Conversions

## Conversions Part 2

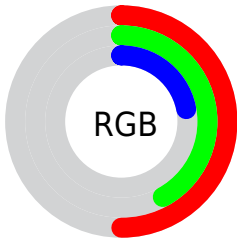
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 128, 57
Decimal	8416313
CIE Lab	46.46, 1.00, 31.19
CIE LCh	46, 31.204, 88.156
Yxy	15.6097, 0.4087, 0.4253
Android (android.graphics.Color)	4286606393 (0xFF806C39)
YUV	108.1660, -25.2248, 17.3944
Hunter-Lab	39.5091, -1.3576, 18.5127

# Details

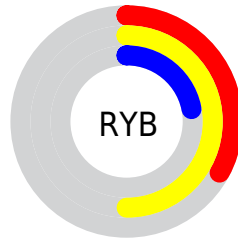
The Hex color **806C39** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **394D80**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B79F69**, and **4C3D0B** is the 20% darker color. If you saturate the color by 10%, you get **80682C**, and if you desaturate by 10%, it is **807046**.

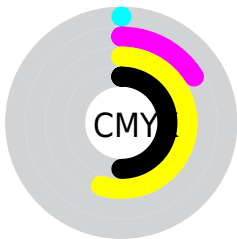
# Distribution



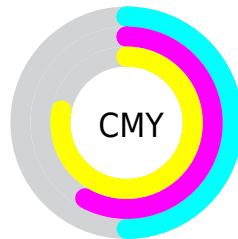
- Red (50%)
- Green (42%)
- Blue (22%)



- Red (33%)
- Yellow (50%)
- Blue (22%)



- Cyan (0%)
- Magenta (16%)
- Yellow (55%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806C39 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 806C39 by changing the saturation by 10% instead.





806C39



806C39

FFFFFF



665422



B79F69



4C3D0B



D3BA83



352700



F0D69D



1C1300



FFF2B9



000000



FFFFD4



FFFFF1



806C39



806C39



80682C



807046

 80651F

 807353

 806113

 80775F

 805E06

 807A6C

 805C00

 807E79

 808286

 808593

 80899F

 808CAC

# Harmonies

## Analogous

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



946342



806C39



65743F

# Triad

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



806C39



007B86



8D5E8A

# Complementary

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



806C39



394D80

# 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.



6E689C



806C39



00789A

# Square

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



806C39



197C6C



4271A2



9E5971

# Rectangle

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



806C39



51784A



4271A2



846191



# Sweetspot

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



806C39



A69E8A



80394D



544F43



D4D4D4



545454



# Same Dimension

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



806C39



A68637



718039



403E39



805C00



000000



# Inverse Universe

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



394D80



3756A6



483980



393B40



002480



000000



# Previews

## White Background



This preview shows how the Hex color 806C39 looks on a white background.

## Color Contrast Check

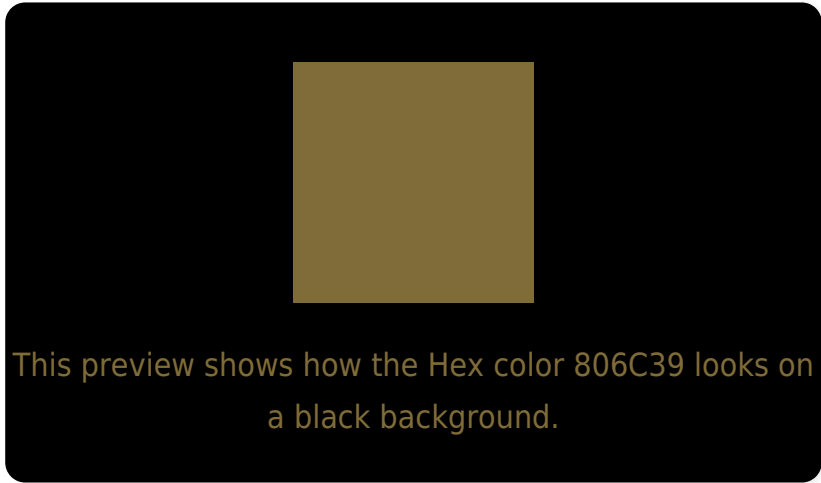
Large Text (above 18pt) WCAG AA ✓ Pass

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 806C39 Background



This preview shows how black text looks on a background with the Hex color 806C39.



This preview shows how white text looks on a background with the Hex color 806C39.

# 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**  
806C39

**Protanopia**  
7A6E3A

**Deuteranopia**  
87693A



**Tritanopia**  
85666E

# Trichromacy



**Original Color**  
806C39

**Protanomaly**  
7C6D3A

**Deuteranomaly**  
846A3A

**Tritanomaly**  
83685B

# Monochromacy



**Original Color**  
806C39

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
736C59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806C39 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 #806C39 looks like.

```
.text, #text, p{  
    color:#806C39  
}
```

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 #806C39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806C39
}
```

## Border

The CSS property to change the border of an element to Hex 806C39 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
#806C39 }
```

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

```
.border{ border-color:#806C39 }
```

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

Here you see how a box with a 4 pixel #806C39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806C39; -webkit-box-shadow:4px 4px  
4px 4px #806C39; box-shadow:4px 4px 4px  
4px #806C39 }
```

# Background

The CSS property to change the background color of an element to Hex 806C39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806C39 }
```

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

```
.background{ background-color:#806C39 }
```

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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