

Converting Colors

Hex(806A46)

Have a look what the booklet for
Hex(806A46) contains.

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Color

Hex(806A46)

Conversions

Conversions Part 1

Format	Color
Hex	806A46
RGB	128, 106, 70
RGB Percent	50%, 42%, 27%
CMY	0.4980, 0.5843, 0.7255
CMYK	0.00, 0.17, 0.45, 0.50
HSL	37°, 29%, 39%
HSV	37°, 45%, 50%
XYZ	15.1616, 15.3395, 7.9561
YIQ	108.4740, 24.6680, -6.5320

Conversions

Conversions Part 2

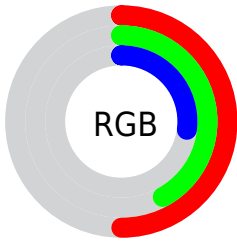
Format	Color
RYB	105, 128, 70
Decimal	8415814
CIELab	46.10, 3.51, 23.45
CIElCh	46, 23.710, 81.476
Yxy	15.3395, 0.3942, 0.3989
Android (android.graphics.Color)	4286605894 (0xFF806A46)
YUV	108.4740, -18.9677, 17.1243
Hunter-Lab	39.1656, 0.5602, 15.3718

Details

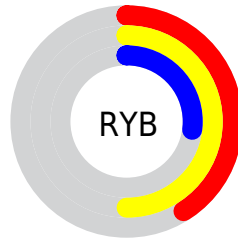
The Hex color **806A46** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **465C80**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B69D77**, and **4D3B19** is the 20% darker color. If you saturate the color by 10%, you get **806539**, and if you desaturate by 10%, it is **806F53**.

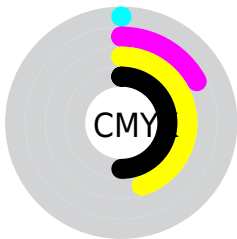
Distribution



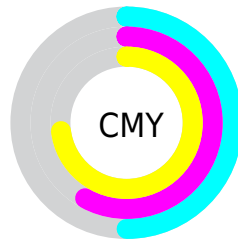
- Red (50%)
- Green (42%)
- Blue (27%)



- Red (41%)
- Yellow (50%)
- Blue (27%)



- Cyan (0%)
- Magenta (17%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806A46 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 806A46 by changing the saturation by 10% instead.



806A46



806A46

FFFFFF



66522F



B69D77



4D3B19



D2B891



362500



EFD4AB



1E1100



FFF0C7



000000



FFFFE3



806A46



806A46



806539



806F53



80602C



807460

■ 805B20

■ 80796C

■ 805713

■ 807D79

■ 805206

■ 808286

■ 804F00

■ 808793

■ 808CA0

■ 8091AC

■ 8096B9

Harmonies

Analogous

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



8E634F



806A46



6C7048

Triad

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



806A46



2B787B



816386

Complementary

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



806A46



465C80

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.



686A92



806A46



2F768C

Square

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



806A46



3E7867



497194



905F74

Rectangle

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



806A46



5D744F



497194



79658B

Sweetspot

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



806A46



A69D8F



80465C



544F46



D4D4D4



545454

Same Dimension

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



806A46



A6844C



798046



403D39



804F00



000000

Inverse Universe

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



465C80



4C6EA6



4D4680



393C40



003080



000000

Previews

White Background



This preview shows how the Hex color 806A46 looks on a white background.

Color Contrast Check

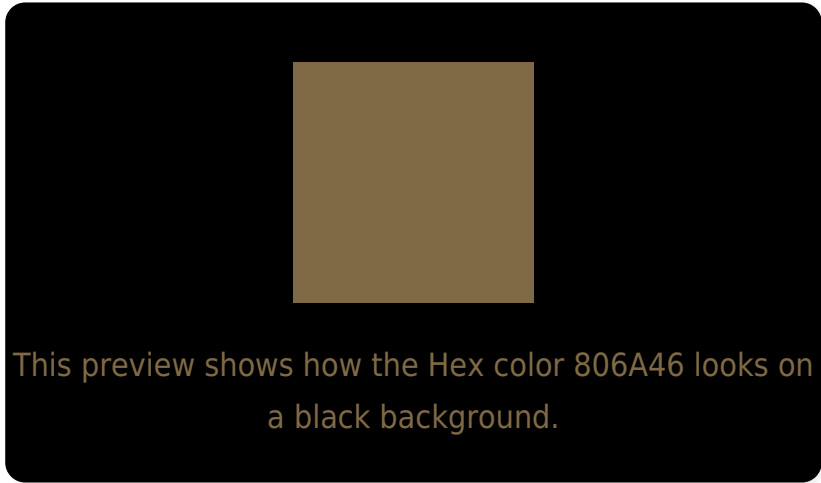
Large Text (above 18pt) WCAG AA ✓ Pass

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

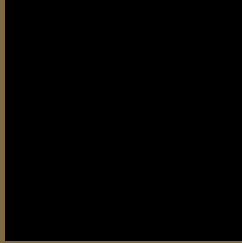
Any Text WCAG AA × Fail

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 806A46 Background



This preview shows how black text looks on a background with the Hex color 806A46.



This preview shows how white text looks on a background with the Hex color 806A46.

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
806A46

Protanopia
776D47

Deuteranopia
846846



Tritanopia
84656D

Trichromacy



Original Color
806A46

Protanomaly
7A6C47

Deuteranomaly
836946

Tritanomaly
83675F

Monochromacy



Original Color
806A46

Achromatopsia
6C6C6C

Achromatomaly
736B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 806A46 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 #806A46 looks like.

```
.text, #text, p{  
    color:#806A46  
}
```

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 #806A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806A46
}
```

Border

The CSS property to change the border of an element to Hex 806A46 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
#806A46 }
```

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

```
.border{ border-color:#806A46 }
```

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

Here you see how a box with a 4 pixel #806A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806A46; -webkit-box-shadow:4px 4px  
4px 4px #806A46; box-shadow:4px 4px 4px  
4px #806A46 }
```

Background

The CSS property to change the background color of an element to Hex 806A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806A46 }
```

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

```
.background{ background-color:#806A46 }
```

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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