

# Converting Colors

Hex(846C4F)

Have a look what the booklet for  
Hex(846C4F) contains.

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**Color**

**Hex(846C4F)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 846C4F                     |
| RGB         | 132, 108, 79               |
| RGB Percent | 52%, 42%, 31%              |
| CMY         | 0.4824, 0.5765, 0.6902     |
| CMYK        | 0.00, 0.18, 0.40, 0.48     |
| HSL         | 33°, 25%, 41%              |
| HSV         | 33°, 40%, 52%              |
| XYZ         | 16.2896, 16.1952, 9.6646   |
| YIQ         | 111.8700, 23.6130, -3.9310 |

# Conversions

## Conversions Part 2

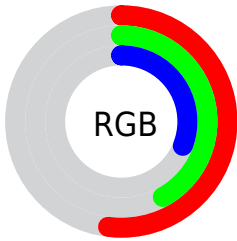
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 123, 132, 79                   |
| Decimal                             | 8678479                        |
| CIELab                              | 47.23, 5.19, 19.80             |
| CIELCh                              | 47, 20.471, 75.308             |
| Yxy                                 | 16.1952, 0.3865,<br>0.3842     |
| Android<br>(android.graphics.Color) | 4286868559<br>(0xFF846C4F)     |
| YUV                                 | 111.8700, -16.2049,<br>17.6540 |
| Hunter-Lab                          | 40.2432, 1.8272,<br>13.9315    |

# Details

The Hex color **846C4F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4F6784**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BA9F80**, and **513D22** is the 20% darker color. If you saturate the color by 10%, you get **846642**, and if you desaturate by 10%, it is **84725C**.

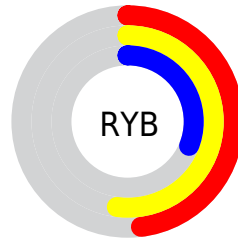
# Distribution



Red (52%)

Green (42%)

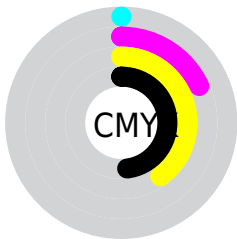
Blue (31%)



Red (48%)

Yellow (52%)

Blue (31%)

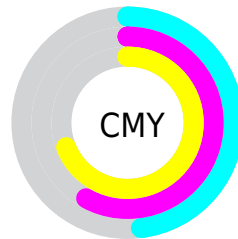


Cyan (0%)

Magenta (18%)

Yellow (40%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 846C4F 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 846C4F by changing the saturation by 10% instead.





846C4F



846C4F

FFFFFF



6A5438



BA9F80



513D22



D6BA9A



39270D



F3D6B5



231300



FFF2D1



000000



FFFFED



846C4F



846C4F



846642



84725C



846035



847869

■ 845A27

■ 847E77

■ 84541A

■ 848484

■ 844E0D

■ 848A91

■ 844800

■ 84909E

■ 8496AB

■ 849CB9

■ 84A2C6

# Harmonies

## Analogous

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



8F6758



846C4F



73724F

# Triad

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



846C4F



3E7A78



7D6988

# Complementary

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



846C4F



4F6784

# 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.



676F91



846C4F



3D7888

# Square

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



846C4F



4C7967



4E7491



8D6479

# Rectangle

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



846C4F



677554



4E7491



776B8C



# Sweetspot

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



846C4F



ABA296



844F68



57514B



D6D6D6



575757



# Same Dimension

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



846C4F



AB8659



82844F



423F3C



824700



030100



# Inverse Universe

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



4F6784



597EAB



514F84



3C3F42



003B82



000103



# Previews

## White Background



This preview shows how the Hex color 846C4F looks on a white background.

## Color Contrast Check

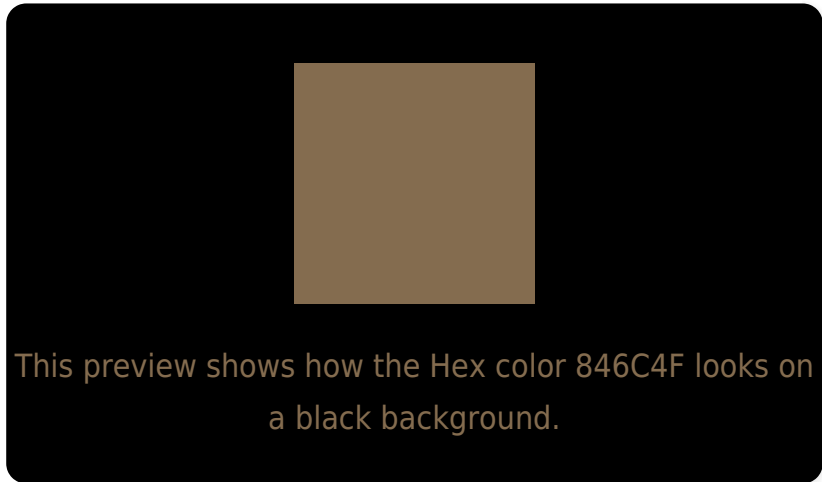
Large Text (above 18pt) WCAG AA ✓ Pass

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

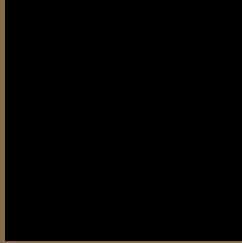
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 846C4F Background



This preview shows how black text looks on a background with the Hex color 846C4F.



This preview shows how white text looks on a background with the Hex color 846C4F.

# 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**  
846C4F

**Protanopia**  
797051

**Deuteranopia**  
856B4F



**Tritanopia**  
876870

# Trichromacy



**Original Color**  
846C4F

**Protanomaly**  
7D6F50

**Deuteranomaly**  
856B4F

**Tritanomaly**  
866964

# Monochromacy



**Original Color**  
846C4F

**Achromatopsia**  
707070

**Achromatomaly**  
776F64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 846C4F 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 #846C4F looks like.

```
.text, #text, p{  
    color:#846C4F  
}
```

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 #846C4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846C4F
}
```

## Border

The CSS property to change the border of an element to Hex 846C4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

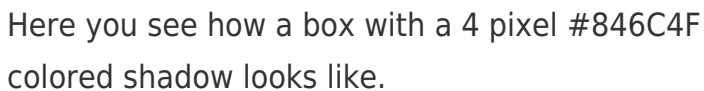
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846C4F }
```

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

```
.border{ border-color:#846C4F }
```

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



Here you see how a box with a 4 pixel #846C4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846C4F; -webkit-box-shadow:4px 4px  
4px 4px #846C4F; box-shadow:4px 4px 4px  
4px #846C4F }
```

# Background

The CSS property to change the background color of an element to Hex 846C4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846C4F }
```

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

```
.background{ background-color:#846C4F }
```

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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