

# Converting Colors

Hex(846D63)

Have a look what the booklet for  
Hex(846D63) contains.

<b>Hex(846D63)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(846D63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	846D63
RGB	132, 109, 99
RGB Percent	52%, 43%, 39%
CMY	0.4824, 0.5725, 0.6118
CMYK	0.00, 0.17, 0.25, 0.48
HSL	18°, 14%, 45%
HSV	18°, 25%, 52%
XYZ	17.2365, 16.7437, 14.1278
YIQ	114.7370, 16.9180, 1.7660

# Conversions

## Conversions Part 2

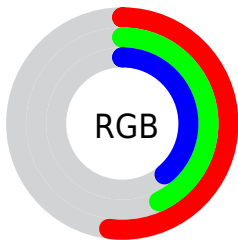
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 113, 99
Decimal	8678755
CIELab	47.94, 7.43, 8.98
CIELCh	48, 11.657, 50.404
Yxy	16.7437, 0.3583, 0.3480
Android (android.graphics.Color)	4286868835 (0xFF846D63)
YUV	114.7370, -7.7583, 15.1397
Hunter-Lab	40.9190, 3.5820, 8.1728

# Details

The Hex color **846D63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **637A84**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BAA096**, and **523E34** is the 20% darker color. If you saturate the color by 10%, you get **846456**, and if you desaturate by 10%, it is **847670**.

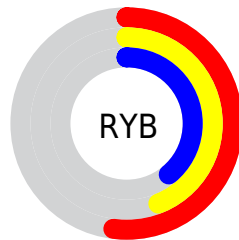
# Distribution



Red (52%)

Green (43%)

Blue (39%)



Red (52%)

Yellow (44%)

Blue (39%)

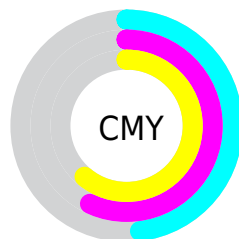


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (48%)



Cyan (48%)

Magenta (57%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 846D63 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 846D63 by changing the saturation by 10% instead.



 846D63

 846D63

FFFFFF

 6A554B

 BAA096

 523E34

 D5BBB0

 3A281F

 F2D7CC

 251307

 FFF4E8

 000000

 846D63

 846D63

 846456

 847670

 845B49

 847F7D

 84513B

 84898B

■ 84482E

■ 849298

■ 843F21

■ 849BA5

■ 843614

■ 84A4B2

■ 842D07

■ 84ADBF

■ 842800

■ 84B7CD

■ 84C0DA

# Harmonies

## Analogous

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



876B6B



846D63



7D705F

# Triad

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



846D63



5D776E



707084

# Complementary

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



846D63



637A84

# 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.



637485



846D63



587778

# Square

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



846D63



677665



5A7681



7C6D7E

# Rectangle

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



846D63



76725E



5A7681



6B7185



# Sweetspot

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



846D63



ABA19D



84637A



57514E



D6D6D6



575757



# Same Dimension

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



846D63



AB8778



847D63



423E3C



822700



030100



# Inverse Universe

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



637A84



789BAB



636A84



3C4042



005B82



000203



# Previews

## White Background



This preview shows how the Hex color 846D63 looks on a white background.

## Color Contrast Check

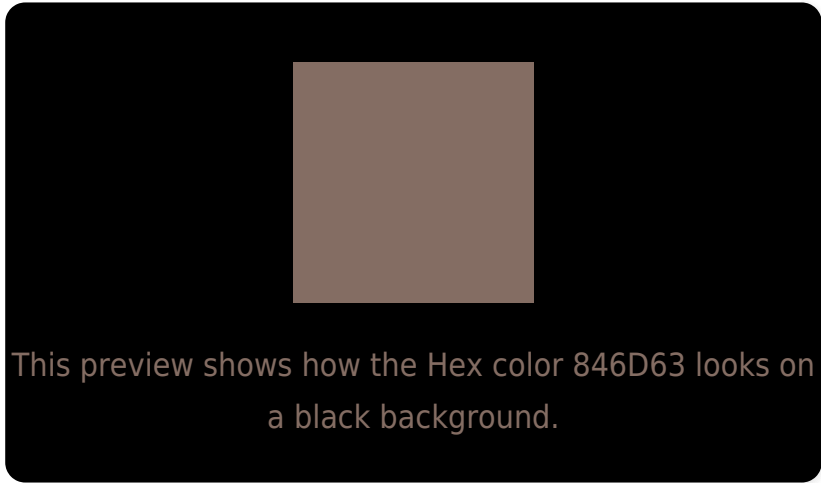
Large Text (above 18pt) WCAG AA ✓ Pass

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

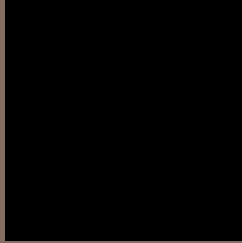
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 846D63 Background



This preview shows how black text looks on a background with the Hex color 846D63.

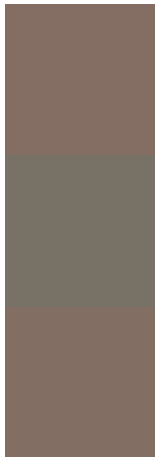


This preview shows how white text looks on a background with the Hex color 846D63.

# 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**  
846D63

**Protanopia**  
777265

**Deuteranopia**  
826E63



**Tritanopia**  
866B73

# Trichromacy



**Original Color**  
846D63

**Protanomaly**  
7C7064

**Deuteranomaly**  
836E63

**Tritanomaly**  
856C6D

# Monochromacy



**Original Color**  
846D63

**Achromatopsia**  
737373

**Achromatomaly**  
79716D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 846D63 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 #846D63 looks like.

```
.text, #text, p{  
    color:#846D63  
}
```

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 #846D63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846D63
}
```

## Border

The CSS property to change the border of an element to Hex 846D63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

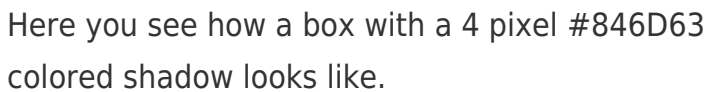
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846D63 }
```

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

```
.border{ border-color:#846D63 }
```

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



Here you see how a box with a 4 pixel #846D63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846D63; -webkit-box-shadow:4px 4px  
4px 4px #846D63; box-shadow:4px 4px 4px  
4px #846D63 }
```

# Background

The CSS property to change the background color of an element to Hex 846D63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846D63 }
```

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

```
.background{ background-color:#846D63 }
```

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