

# Converting Colors

Hex(816E54)

Have a look what the booklet for  
Hex(816E54) contains.

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**Color**

**Hex(816E54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	816E54
RGB	129, 110, 84
RGB Percent	51%, 43%, 33%
CMY	0.4941, 0.5686, 0.6706
CMYK	0.00, 0.15, 0.35, 0.49
HSL	35°, 21%, 42%
HSV	35°, 35%, 51%
XYZ	16.2294, 16.4591, 10.7090
YIQ	112.7170, 19.6700, -4.0580

# Conversions

## Conversions Part 2

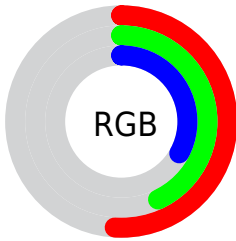
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 129, 84
Decimal	8482388
CIE <sub>Lab</sub>	47.57, 3.38, 17.29
CIE <sub>LCh</sub>	48, 17.613, 78.946
Yxy	16.4591, 0.3740, 0.3793
Android (android.graphics.Color)	4286672468 (0xFF816E54)
YUV	112.7170, -14.1575, 14.2802
Hunter-Lab	40.5698, 0.4095, 12.7483

# Details

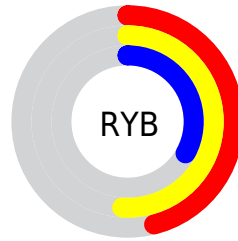
The Hex color **816E54** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **546781**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B7A186**, and **4F3F27** is the 20% darker color. If you saturate the color by 10%, you get **816947**, and if you desaturate by 10%, it is **817361**.

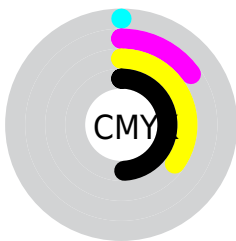
# Distribution



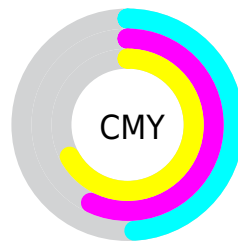
- Red (51%)
- Green (43%)
- Blue (33%)



- Red (46%)
- Yellow (51%)
- Blue (33%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 816E54 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 816E54 by changing the saturation by 10% instead.





816E54



816E54

FFFFFF



67563D



B7A186



4F3F27



D3BCA0



372912



EFD8BB



221400



FFF5D7



000000



FFFFF3



816E54



816E54



816947



817361



81633A



81796E

■ 815E2D

■ 817E7B

■ 815820

■ 818488

■ 815314

■ 818995

■ 814D07

■ 818FA1

■ 814B00

■ 8194AE

■ 819ABB

■ 819FC8

# Harmonies

## Analogous

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



8C695B



816E54



727355

# Triad

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



816E54



47797A



7F6A84

# Complementary

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



816E54



546781

# 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.



6C6F8D



816E54



497787

# Square

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



816E54



51796B



58748E



8B6777

# Rectangle

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



816E54



677659



58748E



796C88



# Sweetspot

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



816E54



A8A197



815468



54504A



D4D4D4



545454



# Same Dimension

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



816E54



A88A62



7E8154



403D39



804A00



000000



# Inverse Universe

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



546781



627FA8



575481



393C40



003680



000000



# Previews

## White Background



This preview shows how the Hex color 816E54 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

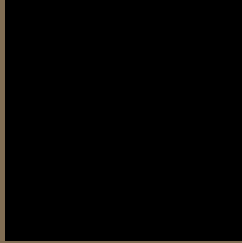
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 816E54 Background



This preview shows how black text looks on a background with the Hex color 816E54.



This preview shows how white text looks on a background with the Hex color 816E54.

# 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**  
816E54

**Protanopia**  
797155

**Deuteranopia**  
856C54



**Tritanopia**  
846A72

# Trichromacy



**Original Color**  
816E54

**Protanomaly**  
7C7055

**Deuteranomaly**  
846D54

**Tritanomaly**  
836B67

# Monochromacy



**Original Color**  
816E54

**Achromatopsia**  
717171

**Achromatomaly**  
777066

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 816E54 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 #816E54 looks like.

```
.text, #text, p{  
    color:#816E54  
}
```

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 #816E54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816E54  
}
```

## Border

The CSS property to change the border of an element to Hex 816E54 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  
#816E54 }
```

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

```
.border{ border-color:#816E54 }
```

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

Here you see how a box with a 4 pixel #816E54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816E54; -webkit-box-shadow:4px 4px  
4px 4px #816E54; box-shadow:4px 4px 4px  
4px #816E54 }
```

# Background

The CSS property to change the background color of an element to Hex 816E54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816E54 }
```

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

```
.background{ background-color:#816E54 }
```

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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