

# Converting Colors

Hex(816E68)

Have a look what the booklet for  
Hex(816E68) contains.

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# Color

**Hex(816E68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	816E68
RGB	129, 110, 104
RGB Percent	51%, 43%, 41%
CMY	0.4941, 0.5686, 0.5922
CMYK	0.00, 0.15, 0.19, 0.49
HSL	14°, 11%, 46%
HSV	14°, 19%, 51%
XYZ	17.1279, 16.8185, 15.4403
YIQ	114.9970, 13.2500, 2.1620

# Conversions

## Conversions Part 2

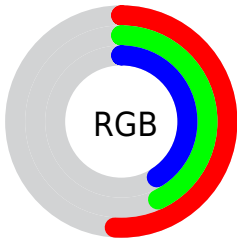
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 112, 104
Decimal	8482408
CIE <sub>Lab</sub>	48.03, 6.42, 6.10
CIE <sub>LCh</sub>	48, 8.861, 43.531
Yxy	16.8185, 0.3468, 0.3405
Android (android.graphics.Color)	4286672488 (0xFF816E68)
YUV	114.9970, -5.4215, 12.2806
Hunter-Lab	41.0103, 2.7821, 6.3847

# Details

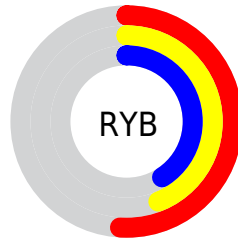
The Hex color **816E68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **687B81**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B6A29B**, and **4F3E39** is the 20% darker color. If you saturate the color by 10%, you get **81645B**, and if you desaturate by 10%, it is **817875**.

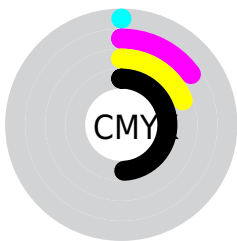
# Distribution



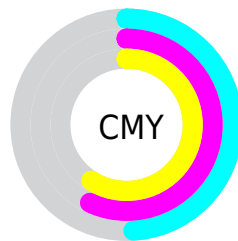
- Red (51%)
- Green (43%)
- Blue (41%)



- Red (51%)
- Yellow (44%)
- Blue (41%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 816E68 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 816E68 by changing the saturation by 10% instead.





816E68



816E68

FFFFFF



685650



B6A29B



4F3E39



D2BDB6



382924



EED8D1



23140E



FFF5EE



000000



816E68



816E68



81645B



817875



815A4E



818282



815141



818B8F

■ 814734

■ 81959C

■ 813D27

■ 819FA9

■ 81331B

■ 81A9B5

■ 81290E

■ 81B3C2

■ 812001

■ 81BCCF

■ 811F00

■ 81C6DC

# Harmonies

## Analogous

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



826D6F



816E68



7C7064

# Triad

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



816E68



64766E



6E7180

# Complementary

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



816E68



687B81

# 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.



657480



816E68



607675

# Square

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



816E68



6C7567



60767C



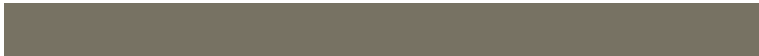
786F7D

# Rectangle

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



816E68



777263



60767C



6B7281



# Sweetspot

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



816E68



A8A19E



81687B



54504E



D4D4D4



545454



# Same Dimension

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



816E68



A88B82



817A68



403B39



801F00



000000



# Inverse Universe

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



687B81



829FA8



686F81



393E40



006180



000000



# Previews

## White Background



This preview shows how the Hex color 816E68 looks on a white background.

## Color Contrast Check

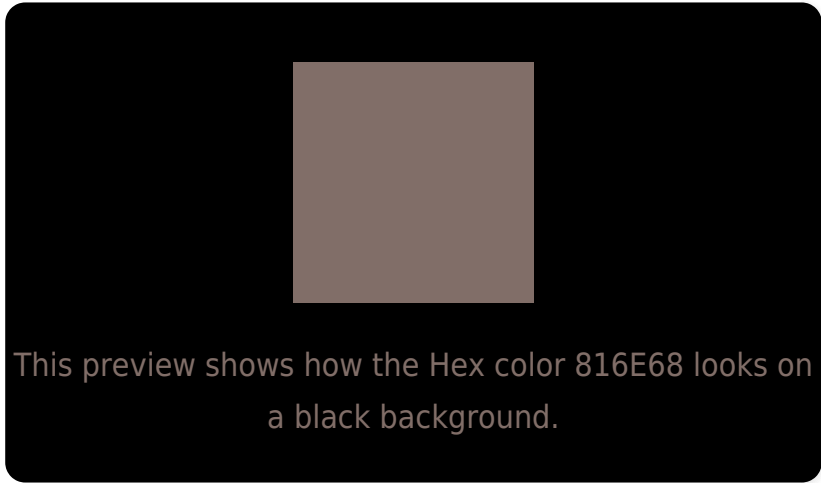
Large Text (above 18pt) WCAG AA ✓ Pass

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

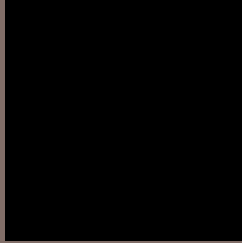
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 816E68 Background



This preview shows how black text looks on a background with the Hex color 816E68.

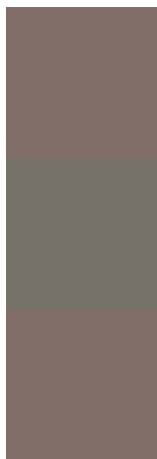


This preview shows how white text looks on a background with the Hex color 816E68.

# 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**  
816E68

**Protanopia**  
76726A

**Deuteranopia**  
816E68



**Tritanopia**  
836C75

# Trichromacy



**Original Color**  
816E68

**Protanomaly**  
7A7169

**Deuteranomaly**  
816E68

**Tritanomaly**  
826D70

# Monochromacy



**Original Color**  
816E68

**Achromatopsia**  
737373

**Achromatomaly**  
78716F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 816E68 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 #816E68 looks like.

```
.text, #text, p{  
    color:#816E68  
}
```

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 #816E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816E68  
}
```

## Border

The CSS property to change the border of an element to Hex 816E68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

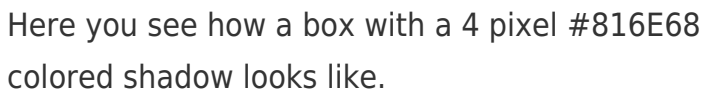
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#816E68 }
```

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

```
.border{ border-color:#816E68 }
```

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



Here you see how a box with a 4 pixel #816E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816E68; -webkit-box-shadow:4px 4px  
4px 4px #816E68; box-shadow:4px 4px 4px  
4px #816E68 }
```

# Background

The CSS property to change the background color of an element to Hex 816E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816E68 }
```

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

```
.background{ background-color:#816E68 }
```

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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