

# Converting Colors

Hex(816C77)

Have a look what the booklet for  
Hex(816C77) contains.

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**Color**

**Hex(816C77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	816C77
RGB	129, 108, 119
RGB Percent	51%, 42%, 47%
CMY	0.4941, 0.5765, 0.5333
CMYK	0.00, 0.16, 0.08, 0.49
HSL	329°, 9%, 46%
HSV	329°, 16%, 51%
XYZ	17.7456, 16.7242, 19.7456
YIQ	115.5330, 8.9850, 7.8730

# Conversions

## Conversions Part 2

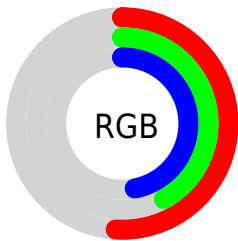
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 108, 119
Decimal	8481911
CIE <sub>Lab</sub>	47.91, 10.30, -3.01
CIE <sub>LCh</sub>	48, 10.728, 343.681
Yxy	16.7242, 0.3273, 0.3085
Android (android.graphics.Color)	4286671991 (0xFF816C77)
YUV	115.5330, 1.7092, 11.8106
Hunter-Lab	40.8952, 5.8897, -0.0006

# Details

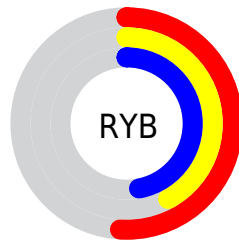
The Hex color **816C77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C8176**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B69FAB**, and **503D47** is the 20% darker color. If you saturate the color by 10%, you get **815F71**, and if you desaturate by 10%, it is **81797D**.

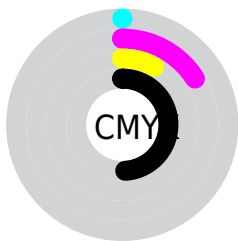
# Distribution



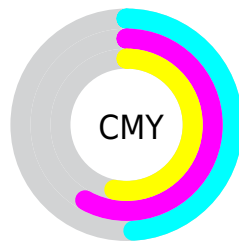
- Red (51%)
- Green (42%)
- Blue (47%)



- Red (51%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 816C77 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 816C77 by changing the saturation by 10% instead.



816C77

816C77

FFFFFF

68545E

B69FAB

503D47

D2BAC6

382730

EED6E2

23121C

FFF3FF

030000

000000

816C77

816C77

815F71

81797D

81526B

818683

814565

819389

81385E

81A090

812C58

81AD96

811F52

81B99C

81124C

81C6A2

810546

81D3A8

810044

81E0AE

# Harmonies

## Analogous

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



786E7F



816C77



856C6E

# Triad

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



816C77



757260



5B767E

# Complementary

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



816C77



6C8176

# 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.



5B7776



816C77



6A7564

# Square

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



816C77



7E6F61



61776C



627483

# Rectangle

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



816C77



856C68



61776C



5A777B



# Sweetspot

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



816C77



A8A0A4



766C81



544F52



D4D4D4



545454



# Same Dimension

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



816C77



A88798



816C6D



40393D



800043



000000



# Inverse Universe

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



816C77



A88798



6C8180



40393D



800043

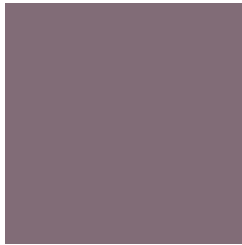


000000



# Previews

## White Background



This preview shows how the Hex color 816C77 looks on a white background.

## Color Contrast Check

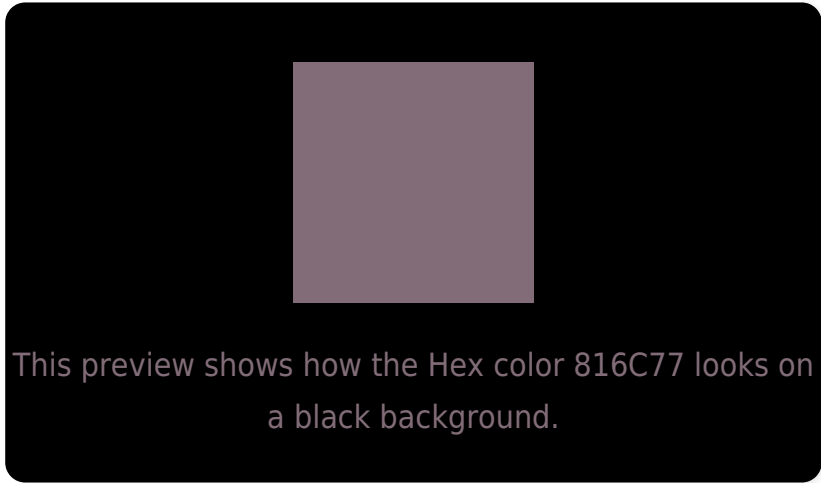
Large Text (above 18pt) WCAG AA ✓ Pass

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

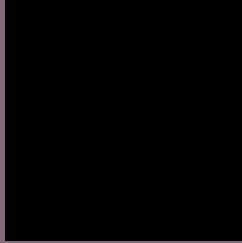
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 816C77 Background



This preview shows how black text looks on a background with the Hex color 816C77.



This preview shows how white text looks on a background with the Hex color 816C77.

# 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**  
816C77

**Protanopia**  
71717A

**Deuteranopia**  
7B6E77



**Tritanopia**  
816C75

# Trichromacy



**Original Color**  
816C77

**Protanomaly**  
776F79

**Deuteranomaly**  
7D6D77

**Tritanomaly**  
816C76

# Monochromacy



**Original Color**  
816C77

**Achromatopsia**  
747474

**Achromatomaly**  
797175

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 816C77 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 #816C77 looks like.

```
.text, #text, p{  
    color:#816C77  
}
```

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 #816C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816C77
}
```

## Border

The CSS property to change the border of an element to Hex 816C77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

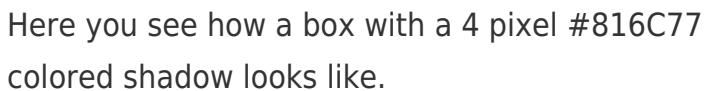
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#816C77 }
```

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

```
.border{ border-color:#816C77 }
```

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



Here you see how a box with a 4 pixel #816C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816C77; -webkit-box-shadow:4px 4px  
4px 4px #816C77; box-shadow:4px 4px 4px  
4px #816C77 }
```

# Background

The CSS property to change the background color of an element to Hex 816C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816C77 }
```

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

```
.background{ background-color:#816C77 }
```

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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