

Converting Colors

Hex(816C67)

Have a look what the booklet for
Hex(816C67) contains.

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Color

Hex(816C67)

Conversions

Conversions Part 1

Format	Color
Hex	816C67
RGB	129, 108, 103
RGB Percent	51%, 42%, 40%
CMY	0.4941, 0.5765, 0.5961
CMYK	0.00, 0.16, 0.20, 0.49
HSL	12°, 11%, 45%
HSV	12°, 20%, 51%
XYZ	16.8640, 16.3715, 15.1032
YIQ	113.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

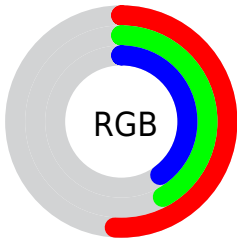
Format	Color
R_{YB}	129, 109, 103
Decimal	8481895
CIE Lab	47.46, 7.43, 5.88
CIE LCh	47, 9.478, 38.350
Yxy	16.3715, 0.3489, 0.3387
Android (android.graphics.Color)	4286671975 (0xFF816C67)
YUV	113.7090, -5.2795, 13.4102
Hunter-Lab	40.4617, 3.5888, 6.1920

Details

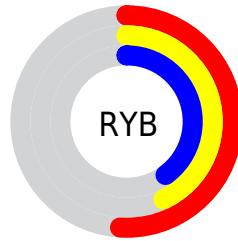
The Hex color **816C67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **677C81**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B69F9A**, and **4F3D38** is the 20% darker color. If you saturate the color by 10%, you get **81625A**, and if you desaturate by 10%, it is **817674**.

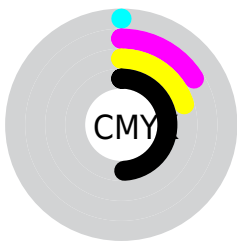
Distribution



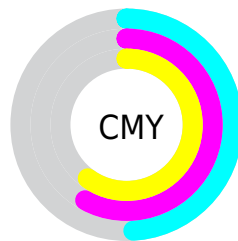
- Red (51%)
- Green (42%)
- Blue (40%)



- Red (51%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (49%)





- Cyan (49%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 816C67 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 816C67 by changing the saturation by 10% instead.

 816C67

 816C67

FFFFFF

 68544F

 B69F9A

 4F3D38

 D2BAB5


 382723


 EED6D0


 22120D


 FFF3ED


 000000

 816C67


 816C67


 81625A

 817674

 81574D

 818181

 814D40

 818B8E

■ 814233

■ 81969B

■ 813827

■ 81A0A8

■ 812D1A

■ 81ABB4

■ 81230D

■ 81B5C1

■ 811900

■ 81BFCE

■ 81CADB

Harmonies

Analogous

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



816B6F



816C67



7C6E62

Triad

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



816C67



63756A



6B7080

Complementary

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



816C67



677C81

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.



62737F



816C67



5D7573

Square

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



816C67



6C7364



5D757A



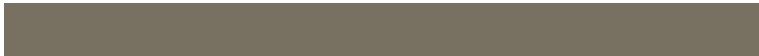
756E7D

Rectangle

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



816C67



787061



5D757A



687180

Sweetspot

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



816C67



A8A09E



81677C



544F4E



D4D4D4



545454

Same Dimension

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



816C67



A88880



817967



403B39



801900



000000

Inverse Universe

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



677C81



80A1A8



676F81



393F40



006780



000000

Previews

White Background



This preview shows how the Hex color 816C67 looks on a white background.

Color Contrast Check

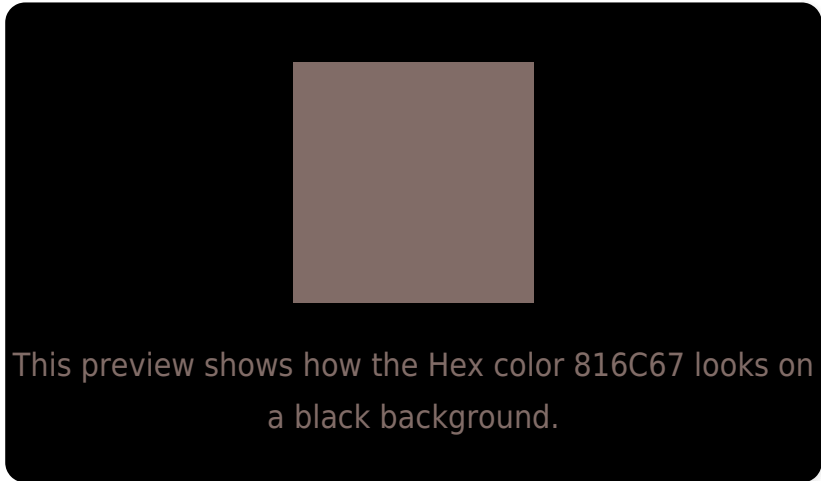
Large Text (above 18pt) WCAG AA ✓ Pass

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

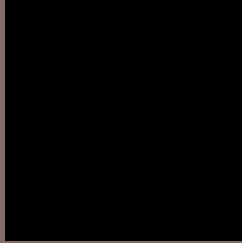
Any Text WCAG AA × Fail

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 816C67 Background



This preview shows how black text looks on a background with the Hex color 816C67.

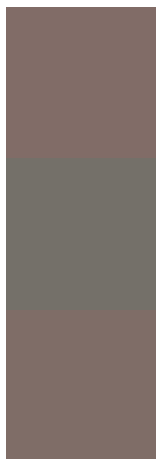


This preview shows how white text looks on a background with the Hex color 816C67.

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
816C67

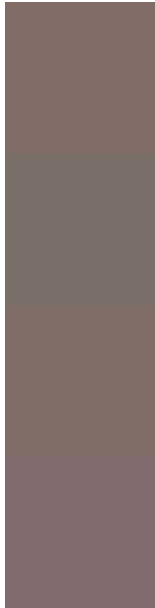
Protanopia
747069

Deuteranopia
7F6D67



Tritanopia
826A73

Trichromacy



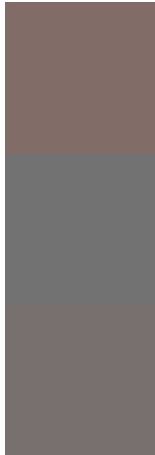
Original Color
816C67

Protanomaly
796F68

Deuteranomaly
806D67

Tritanomaly
826B6F

Monochromacy



Original Color
816C67

Achromatopsia
727272

Achromatomaly
77706E

CSS Examples

Text

The CSS property to change the color of the text to Hex 816C67 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 #816C67 looks like.

```
.text, #text, p{  
    color:#816C67  
}
```

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 #816C67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816C67
}
```

Border

The CSS property to change the border of an element to Hex 816C67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

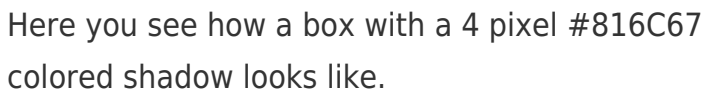
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#816C67 }
```

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

```
.border{ border-color:#816C67 }
```

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



Here you see how a box with a 4 pixel #816C67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816C67; -webkit-box-shadow:4px 4px  
4px 4px #816C67; box-shadow:4px 4px 4px  
4px #816C67 }
```

Background

The CSS property to change the background color of an element to Hex 816C67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816C67 }
```

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

```
.background{ background-color:#816C67 }
```

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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