

Converting Colors

Hex(816C78)

Have a look what the booklet for
Hex(816C78) contains.

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Color

Hex(816C78)

Conversions

Conversions Part 1

Format	Color
Hex	816C78
RGB	129, 108, 120
RGB Percent	51%, 42%, 47%
CMY	0.4941, 0.5765, 0.5294
CMYK	0.00, 0.16, 0.07, 0.49
HSL	326°, 9%, 46%
HSV	326°, 16%, 51%
XYZ	17.8060, 16.7483, 20.0636
YIQ	115.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

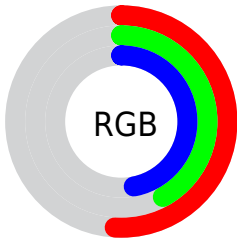
Format	Color
R_{YB}	129, 108, 120
Decimal	8481912
CIE _{Lab}	47.94, 10.49, -3.57
CIE _{LCh}	48, 11.077, 341.220
Yxy	16.7483, 0.3260, 0.3066
Android (android.graphics.Color)	4286671992 (0xFF816C78)
YUV	115.6470, 2.1460, 11.7106
Hunter-Lab	40.9247, 6.0456, -0.4200

Details

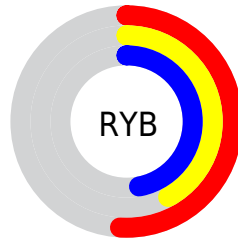
The Hex color **816C78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C8175**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B69FAC**, and **503D48** is the 20% darker color. If you saturate the color by 10%, you get **815F72**, and if you desaturate by 10%, it is **81797E**.

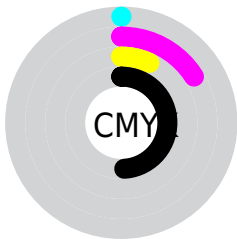
Distribution



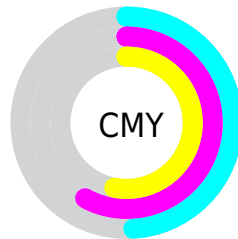
- Red (51%)
- Green (42%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (49%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 816C78 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 816C78 by changing the saturation by 10% instead.

 816C78

 816C78

FFFFFF

 68545F

 B69FAC

 503D48

 D2BAC8

 382731

 EED6E4

 23121C


 FFF3FF

 040000

 000000

 816C78

 816C78

 815F72

 81797E

 81526D

 818683

814567

819389

813862

81A08E

812C5C

81AD94

811F57

81B999

811251

81C69F

81054C

81D3A4

81004A

81E0AA

Harmonies

Analogous

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



786E80



816C78



856B6F

Triad

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



816C78



76725F



5A767E

Complementary

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



816C78



6C8175

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.



5A7775



816C78



6B7564

Square

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



816C78



7F6F60



61776B



617483

Rectangle

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



816C78



856C68



61776B



5A777B

Sweetspot

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



816C78



A8A0A5



756C81



544F52



D4D4D4



545454

Same Dimension

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



816C78



A8879A



816C6E



40393D



800049



000000

Inverse Universe

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



816C78



A8879A



6C817F



40393D



800049



000000

Previews

White Background



This preview shows how the Hex color 816C78 looks on a white background.

Color Contrast Check

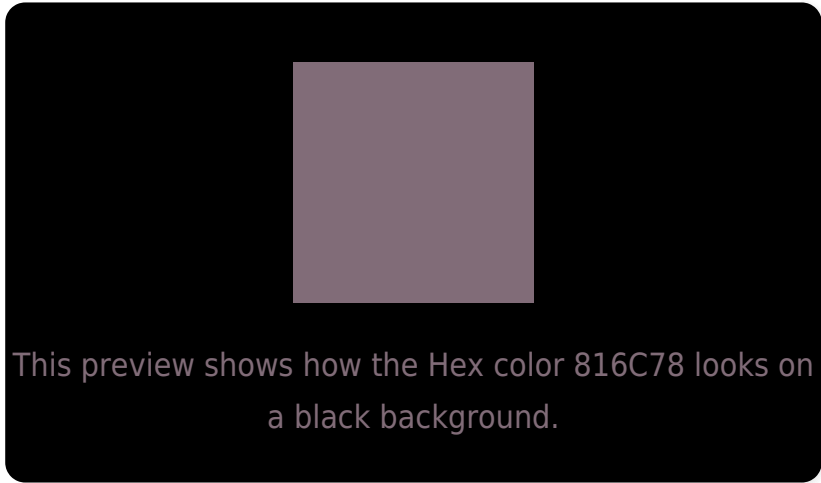
Large Text (above 18pt) WCAG AA ✓ Pass

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

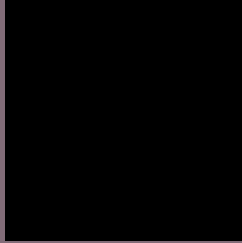
Any Text WCAG AA × Fail

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 816C78 Background



This preview shows how black text looks on a background with the Hex color 816C78.



This preview shows how white text looks on a background with the Hex color 816C78.

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
816C78

Protanopia
71717B

Deuteranopia
7A6F78



Tritanopia
816D75

Trichromacy



Original Color
816C78

Protanomaly
776F7A

Deuteranomaly
7D6E78

Tritanomaly
816D76

Monochromacy



Original Color
816C78

Achromatopsia
747474

Achromatomaly
797175

CSS Examples

Text

The CSS property to change the color of the text to Hex 816C78 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 #816C78 looks like.

```
.text, #text, p{  
    color:#816C78  
}
```

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 #816C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816C78
}
```

Border

The CSS property to change the border of an element to Hex 816C78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

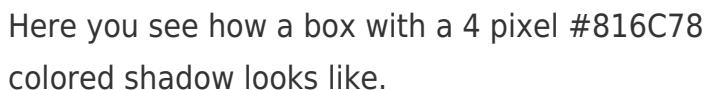
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#816C78 }
```

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

```
.border{ border-color:#816C78 }
```

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



Here you see how a box with a 4 pixel #816C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816C78; -webkit-box-shadow:4px 4px  
4px 4px #816C78; box-shadow:4px 4px 4px  
4px #816C78 }
```

Background

The CSS property to change the background color of an element to Hex 816C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816C78 }
```

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

```
.background{ background-color:#816C78 }
```

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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