

Converting Colors

Hex(816B7D)

Have a look what the booklet for
Hex(816B7D) contains.

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Color

Hex(816B7D)

Conversions

Conversions Part 1

Format	Color
Hex	816B7D
RGB	129, 107, 125
RGB Percent	51%, 42%, 49%
CMY	0.4941, 0.5804, 0.5098
CMYK	0.00, 0.17, 0.03, 0.49
HSL	311°, 9%, 46%
HSV	311°, 17%, 51%
XYZ	18.0126, 16.6632, 21.6690
YIQ	115.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

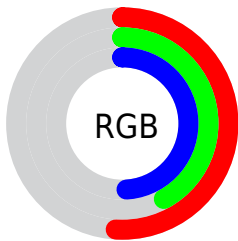
Format	Color
R_{YB}	129, 107, 125
Decimal	8481661
CIE _{Lab}	47.83, 12.06, -6.71
CIE _{LCh}	48, 13.799, 330.900
Yxy	16.6632, 0.3197, 0.2957
Android (android.graphics.Color)	4286671741 (0xFF816B7D)
YUV	115.6300, 4.6194, 11.7255
Hunter-Lab	40.8206, 7.3296, -2.8988

Details

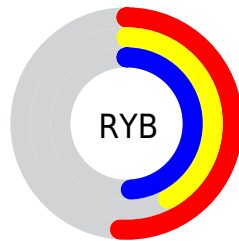
The Hex color **816B7D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B816F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B69EB2**, and **503C4C** is the 20% darker color. If you saturate the color by 10%, you get **815E7B**, and if you desaturate by 10%, it is **81787F**.

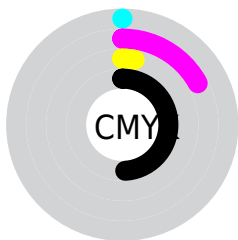
Distribution



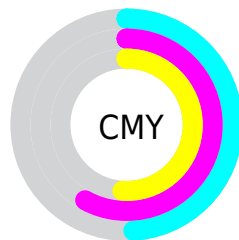
- Red (51%)
- Green (42%)
- Blue (49%)



- Red (51%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 816B7D 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 816B7D by changing the saturation by 10% instead.

816B7D

816B7D

FFFFFF

685364

B69EB2

503C4C

D2B9CD

382635

EED5E9

231120

FFF2FF

040007

000000

816B7D

816B7D

815E7B

81787F

815178

818582

814476

819284

813774

819F86

812B71

81AC89

811E6F

81B88B

81116D

81C58D

81046A

81D290

81006A

81DF92

Harmonies

Analogous

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



746E85



816B7D



896972

Triad

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



816B7D



7A715A



52787D

Complementary

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



816B7D



6B816F

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.



567871



816B7D



6D745D

Square

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



816B7D



846D5E



607766



587685

Rectangle

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



816B7D



8A6A6A



607766



527879

Sweetspot

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



816B7D



A8A0A7



6F6B81



544F53



D4D4D4



545454

Same Dimension

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



816B7D



A887A2



816B72



40393F



800068



000000

Inverse Universe

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



816B7D



A887A2



6B817A



40393F



800068



000000

Previews

White Background



This preview shows how the Hex color 816B7D looks on a white background.

Color Contrast Check

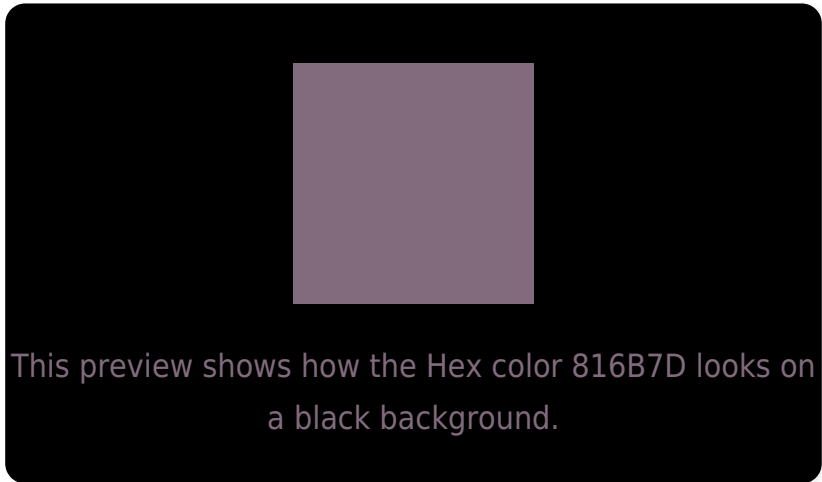
Large Text (above 18pt) WCAG AA ✓ Pass

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

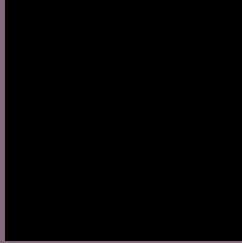
Any Text WCAG AA × Fail

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 816B7D Background



This preview shows how black text looks on a background with the Hex color 816B7D.



This preview shows how white text looks on a background with the Hex color 816B7D.

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
816B7D

Protanopia
6F7181

Deuteranopia
786E7C



Tritanopia
806C75

Trichromacy



Original Color
816B7D

Protanomaly
766F80

Deuteranomaly
7B6D7C

Tritanomaly
806C78

Monochromacy



Original Color
816B7D

Achromatopsia
747474

Achromatomaly
797177

CSS Examples

Text

The CSS property to change the color of the text to Hex 816B7D 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 #816B7D looks like.

```
.text, #text, p{  
    color:#816B7D  
}
```

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 #816B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816B7D
}
```

Border

The CSS property to change the border of an element to Hex 816B7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

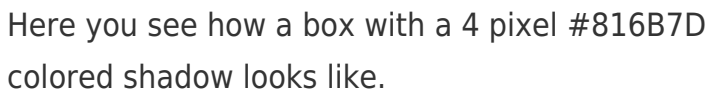
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#816B7D }
```

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

```
.border{ border-color:#816B7D }
```

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



Here you see how a box with a 4 pixel #816B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816B7D; -webkit-box-shadow:4px 4px  
4px 4px #816B7D; box-shadow:4px 4px 4px  
4px #816B7D }
```

Background

The CSS property to change the background color of an element to Hex 816B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816B7D }
```

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

```
.background{ background-color:#816B7D }
```

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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