

Converting Colors

Hex(80617F)

Have a look what the booklet for
Hex(80617F) contains.

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Color

Hex(80617F)

Conversions

Conversions Part 1

Format	Color
Hex	80617F
RGB	128, 97, 127
RGB Percent	50%, 38%, 50%
CMY	0.4980, 0.6196, 0.5020
CMYK	0.00, 0.24, 0.01, 0.50
HSL	302°, 14%, 44%
HSV	302°, 24%, 50%
XYZ	17.0075, 14.6709, 22.0140
YIQ	109.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

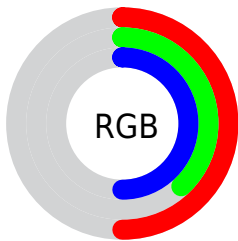
Format	Color
R_{YB}	128, 97, 127
Decimal	8413567
CIE _{Lab}	45.18, 18.05, -11.90
CIE _{LCh}	45, 21.618, 326.597
Yxy	14.6709, 0.3168, 0.2732
Android (android.graphics.Color)	4286603647 (0xFF80617F)
YUV	109.6890, 8.5343, 16.0587
Hunter-Lab	38.3026, 12.2300, -7.2645

Details

The Hex color **80617F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **618062**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B594B4**, and **4E324E** is the 20% darker color. If you saturate the color by 10%, you get **80547F**, and if you desaturate by 10%, it is **806E7F**.

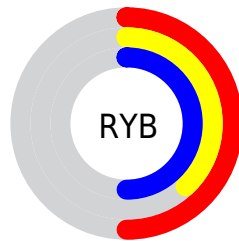
Distribution



Red (50%)

Green (38%)

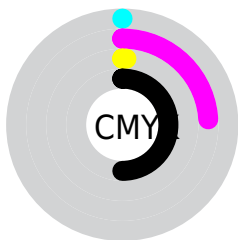
Blue (50%)



Red (50%)

Yellow (38%)

Blue (50%)

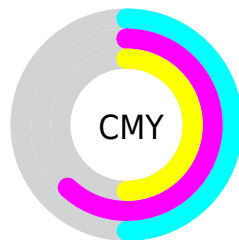


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (50%)



Cyan (50%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80617F 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 80617F by changing the saturation by 10% instead.

80617F

80617F

FFFFFF

674966

B594B4

4E324E

D1AFCF

371C37

EDCAEC

220622

FFE6FF

000009

000000

80617F

80617F

80547F

806E7F

80477E

807B80

803B7E

808780

802E7D

809481

80217D

80A181

80147D

80AE81

80077C

80BB82

80007C

80C782

80D483

Harmonies

Analogous

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



6B678B



80617F



8C5E6E

Triad

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



80617F



796947



31757A

Complementary

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



80617F



618062

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.



3E7568



80617F



676F4A

Square

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



80617F



88634D



527357



387288

Rectangle

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



80617F



8F5E61



527357



337575

Sweetspot

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



80617F



A69AA5



626180



544D54



D4D4D4



545454

Same Dimension

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



80617F



A676A4



806170



403940



80007B



000000

Inverse Universe

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



80617F



A676A4



618071



403940



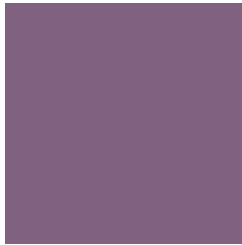
80007B



000000

Previews

White Background



This preview shows how the Hex color 80617F looks on a white background.

Color Contrast Check

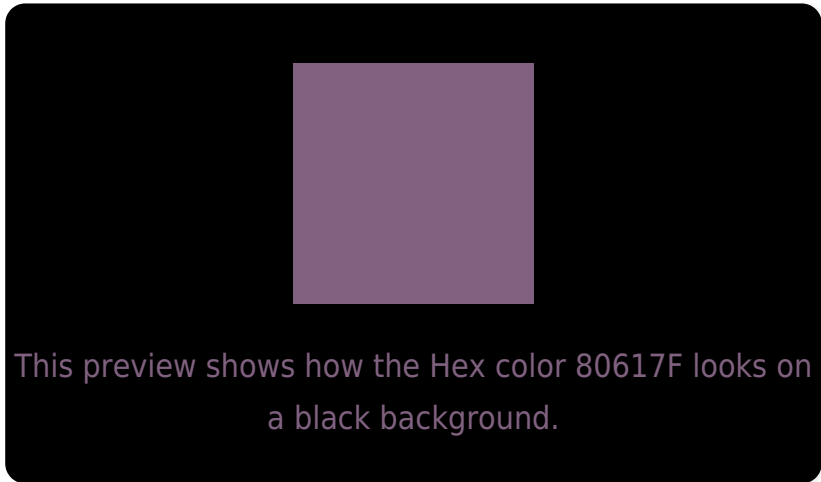
Large Text (above 18pt) WCAG AA ✓ Pass

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

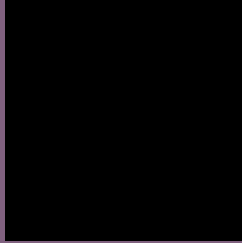
Any Text WCAG AA × Fail

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 80617F Background



This preview shows how black text looks on a background with the Hex color 80617F.



This preview shows how white text looks on a background with the Hex color 80617F.

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
80617F

Protanopia
656A85

Deuteranopia
6D697E



Tritanopia
7D646C

Trichromacy



Original Color
80617F

Protanomaly
6F6783

Deuteranomaly
74667E

Tritanomaly
7E6373

Monochromacy



Original Color
80617F

Achromatopsia
6E6E6E

Achromatomaly
756974

CSS Examples

Text

The CSS property to change the color of the text to Hex 80617F 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 #80617F looks like.

```
.text, #text, p{  
    color:#80617F  
}
```

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 #80617F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80617F  
}
```

Border

The CSS property to change the border of an element to Hex 80617F is called "border". The border property can be set on classes, ids or directly on the HTML element.

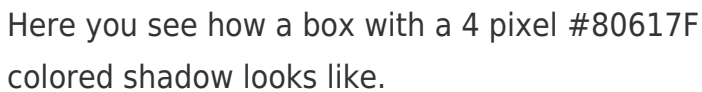
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#80617F }
```

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

```
.border{ border-color:#80617F }
```

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



Here you see how a box with a 4 pixel #80617F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80617F; -webkit-box-shadow:4px 4px  
4px 4px #80617F; box-shadow:4px 4px 4px  
4px #80617F }
```

Background

The CSS property to change the background color of an element to Hex 80617F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80617F }
```

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

```
.background{ background-color:#80617F }
```

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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