

Converting Colors

Hex(80747F)

Have a look what the booklet for
Hex(80747F) contains.

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Color

Hex(80747F)

Conversions

Conversions Part 1

Format	Color
Hex	80747F
RGB	128, 116, 127
RGB Percent	50%, 45%, 50%
CMY	0.4980, 0.5451, 0.5020
CMYK	0.00, 0.09, 0.01, 0.50
HSL	305°, 5%, 48%
HSV	305°, 9%, 50%
XYZ	18.9782, 18.6123, 22.6709
YIQ	120.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

Format	Color
R_{YB}	128, 116, 127
Decimal	8418431
CIE Lab	50.23, 6.77, -4.35
CIE LCh	50, 8.043, 327.262
Yxy	18.6123, 0.3149, 0.3089
Android (android.graphics.Color)	4286608511 (0xFF80747F)
YUV	120.8420, 3.0359, 6.2776
Hunter-Lab	43.1420, 3.0241, -0.9573

Details

The Hex color **80747F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **748075**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B5A8B4**, and **4F444E** is the 20% darker color. If you saturate the color by 10%, you get **80677E**, and if you desaturate by 10%, it is **808180**.

Distribution



Red (50%)

Green (45%)

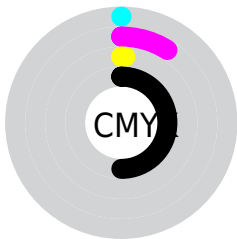
Blue (50%)



Red (50%)

Yellow (45%)

Blue (50%)



Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80747F 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 80747F by changing the saturation by 10% instead.



80747F



80747F

FFFFFF



675B66



B5A8B4



4F444E



D0C3CF



382E37



EDDFEB



221922



FFFCFF



0D000C



000000



80747F



80747F



80677E



808180



805A7D



808E81

804E7C

809A82

80417B

80A783

80347A

80B484

802779

80C185

801A78

80CE86

800E76

80DA88

800175

80E789

Harmonies

Analogous

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



787684



80747F



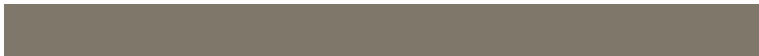
857378

Triad

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



80747F



7E776A



667B7D

Complementary

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



80747F



748075

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.



697C77



80747F



76796B

Square

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



80747F



84756C



6E7B70



697A83

Rectangle

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



80747F



867374



6E7B70



677C7B

Sweetspot

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



80747F



A6A1A5



757480



545154



D4D4D4



545454

Same Dimension

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



80747F



A694A4



807479



40393F



800075



000000

Inverse Universe

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



80747F



A694A4



74807B



40393F



800075



000000

Previews

White Background



This preview shows how the Hex color 80747F looks on a white background.

Color Contrast Check

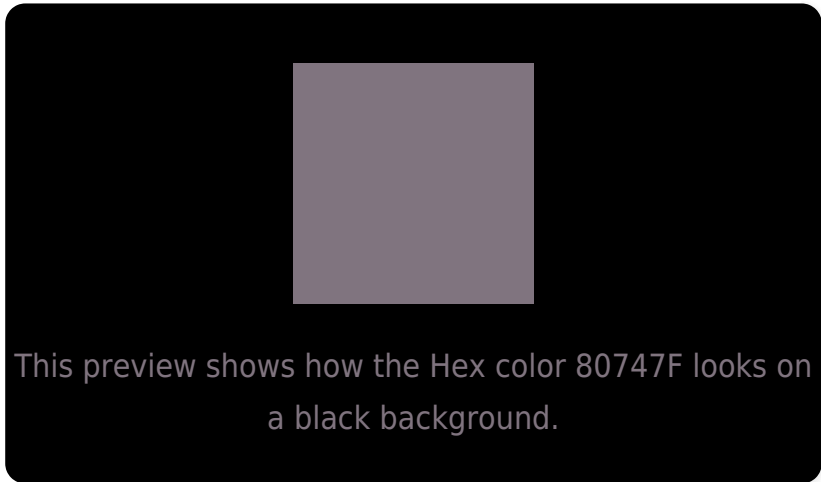
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

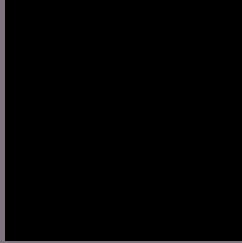
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 80747F Background



This preview shows how black text looks on a background with the Hex color 80747F.

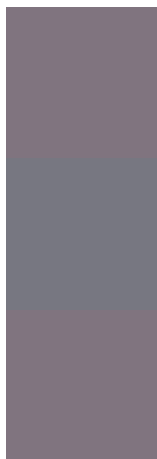


This preview shows how white text looks on a background with the Hex color 80747F.

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
80747F

Protanopia
777781

Deuteranopia
80747F



Tritanopia
80747D

Trichromacy



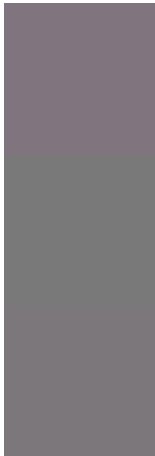
Original Color
80747F

Protanomaly
7A7680

Deuteranomaly
80747F

Tritanomaly
80747E

Monochromacy



Original Color
80747F

Achromatopsia
797979

Achromatomaly
7C777B

CSS Examples

Text

The CSS property to change the color of the text to Hex 80747F 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 #80747F looks like.

```
.text, #text, p{  
    color:#80747F  
}
```

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 #80747F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80747F
}
```

Border

The CSS property to change the border of an element to Hex 80747F is called "border". The border property can be set on classes, ids or directly on the HTML element.

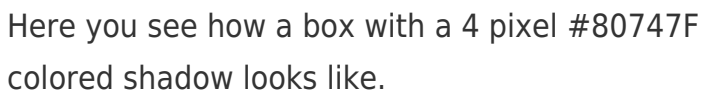
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80747F }
```

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

```
.border{ border-color:#80747F }
```

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



Here you see how a box with a 4 pixel #80747F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80747F; -webkit-box-shadow:4px 4px  
4px 4px #80747F; box-shadow:4px 4px 4px  
4px #80747F }
```

Background

The CSS property to change the background color of an element to Hex 80747F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80747F }
```

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

```
.background{ background-color:#80747F }
```

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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