

Converting Colors

Hex(00747F)

Have a look what the booklet for
Hex(00747F) contains.

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Color

Hex(00747F)

Conversions

Conversions Part 1

Format	Color
Hex	00747F
RGB	0, 116, 127
RGB Percent	0%, 45%, 50%
CMY	1.0000, 0.5451, 0.5020
CMYK	1.00, 0.09, 0.00, 0.50
HSL	185°, 100%, 25%
HSV	185°, 100%, 50%
XYZ	10.0762, 14.0231, 22.2543
YIQ	82.5700, -72.6670, -21.1710

Conversions

Conversions Part 2

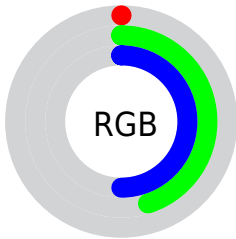
Format	Color
RYB	0, 61, 127
Decimal	29823
CIELab	44.27, -23.13, -13.90
CIELCh	44, 26.984, 211.012
Yxy	14.0231, 0.2174, 0.3025
Android (android.graphics.Color)	4278219903 (0xFF00747F)
YUV	82.5700, 21.9040, -72.4139
Hunter-Lab	37.4474, -17.5031, -9.0218

Details

The Hex color **00747F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F0B00**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **50A8B4**, and **00434E** is the 20% darker color. If you saturate the color by 10%, you get **00747F**, and if you desaturate by 10%, it is **0D757F**.

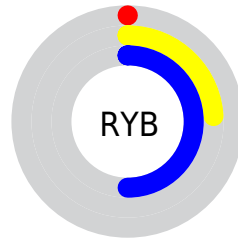
Distribution



Red (0%)

Green (45%)

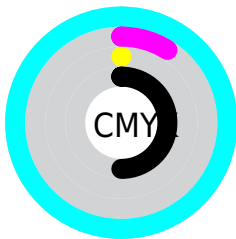
Blue (50%)



Red (0%)

Yellow (24%)

Blue (50%)

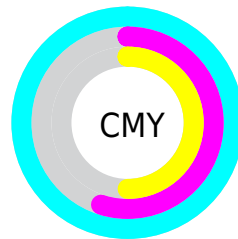


Cyan (100%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (100%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00747F 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 00747F by changing the saturation by 10% instead.

00747F

00747F

FFFFFF

005B66

50A8B4

00434E

6DC4CF

002D37

89E0EB

001922

A6FDFF

00000A

C3FFFF

000000

E0FFFF

FEFFFF

00747F

 0D757F

 19767F

 26777F

 33787F

 407A7F

 4C7B7F

 597C7F

 667D7F

 727E7F

Harmonies

Analogous

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



257569



00747F



1F718F

Triad

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



00747F



865B7F



77683B

Complementary

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



00747F



7F0B00

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.



896042



00747F



935769

Square

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



00747F



6C638F



935953



5F6E41

Rectangle

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



00747F



3C6D95



935953



7D653C

Sweetspot

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



00747F



74A1A6



007F0B



365254



D4D4D4



545454

Same Dimension

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



00747F



0097A6



00357F



393F40



007480



000000

Inverse Universe

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



7F0074



A60097



7F4A00



40393F



800074



000000

Previews

White Background



This preview shows how the Hex color 00747F looks on a white background.

Color Contrast Check

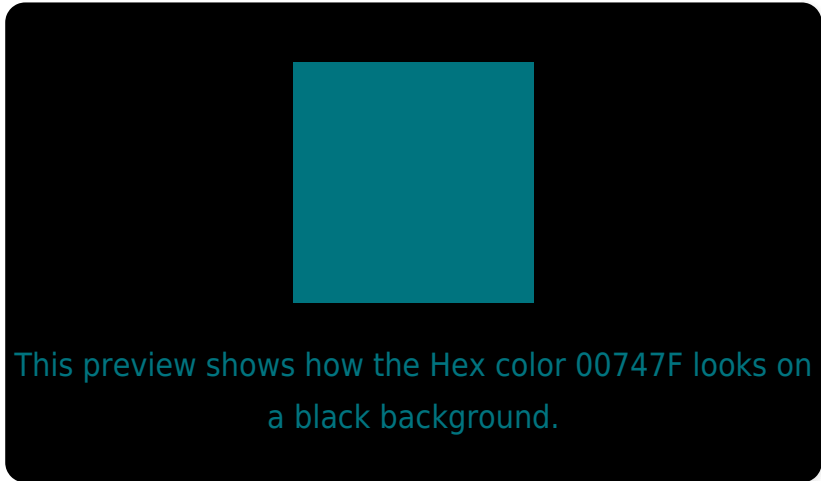
Large Text (above 18pt) WCAG AA ✓ Pass

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

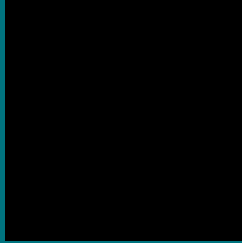
Any Text WCAG AA × Fail

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 00747F Background



This preview shows how black text looks on a background with the Hex color 00747F.

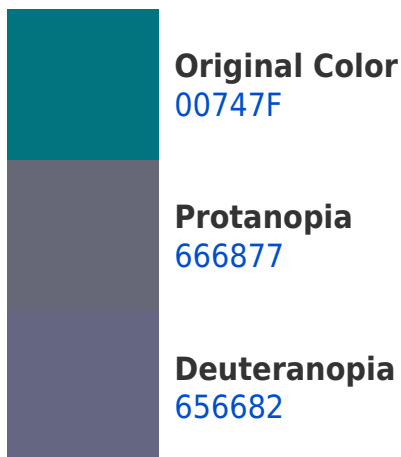


This preview shows how white text looks on a background with the Hex color 00747F.

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





Tritanopia
00747E

Trichromacy



Original Color
00747F

Protanomaly
416C7A

Deuteranomaly
406B81

Tritanomaly
00747E

Monochromacy



Original Color
00747F

Achromatopsia
535353

Achromatomaly
355F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 00747F 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 #00747F looks like.

```
.text, #text, p{  
    color:#00747F  
}
```

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 #00747F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00747F
}
```

Border

The CSS property to change the border of an element to Hex 00747F 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
#00747F }
```

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

```
.border{ border-color:#00747F }
```

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

Here you see how a box with a 4 pixel #00747F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00747F; -webkit-box-shadow:4px 4px  
4px 4px #00747F; box-shadow:4px 4px 4px  
4px #00747F }
```

Background

The CSS property to change the background color of an element to Hex 00747F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00747F }
```

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

```
.background{ background-color:#00747F }
```

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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