

Converting Colors

Hex(76777F)

Have a look what the booklet for
Hex(76777F) contains.

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Color

Hex(76777F)

Conversions

Conversions Part 1

Format	Color
Hex	76777F
RGB	118, 119, 127
RGB Percent	46%, 47%, 50%
CMY	0.5373, 0.5333, 0.5020
CMYK	0.07, 0.06, 0.00, 0.50
HSL	233°, 4%, 48%
HSV	233°, 7%, 50%
XYZ	17.8988, 18.5775, 22.7211
YIQ	119.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

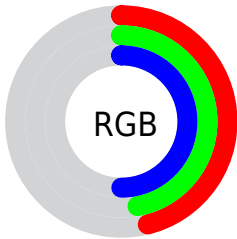
Format	Color
R_{YB}	118, 119, 127
Decimal	7763839
CIE Lab	50.19, 1.29, -4.51
CIE LCh	50, 4.691, 286.020
Yxy	18.5775, 0.3024, 0.3138
Android (android.graphics.Color)	4285953919 (0xFF76777F)
YUV	119.6130, 3.6418, -1.4146
Hunter-Lab	43.1016, -1.3022, -1.0837

Details

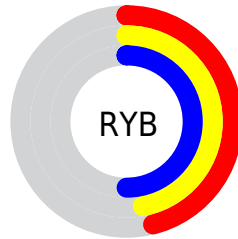
The Hex color **76777F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F7E76**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AAABB4**, and **46474E** is the 20% darker color. If you saturate the color by 10%, you get **696C7F**, and if you desaturate by 10%, it is **83827F**.

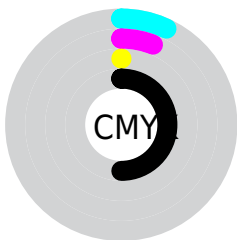
Distribution



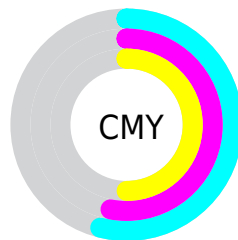
- Red (46%)
- Green (47%)
- Blue (50%)



- Red (46%)
- Yellow (47%)
- Blue (50%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (50%)



- Cyan (54%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76777F 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 76777F by changing the saturation by 10% instead.



76777F



76777F

FFFFFF



5D5E66



AAABB4



46474E



C5C6CF



2F3037



E1E2EB



1B1C22

FEFFFF



00000C



000000



76777F



76777F



696C7F



83827F



5D607F



8F8E7F

■ 50557F

■ 9C997F

■ 434A7F

■ A9A47F

■ 373F7F

■ B6AF7F

■ 2A337F

■ C2BB7F

■ 1D287F

■ CFC67F

■ 101D7F

■ DCD17F

■ 04117F

■ E8DD7F

Harmonies

Analogous

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



71787F



76777F



7B767D

Triad

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



76777F



807572



707A75

Complementary

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



76777F



7F7E76

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.



747972



76777F



7D7670

Square

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



76777F



807575



797870



6E7A79

Rectangle

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



76777F



7D757B



797870



717A74

Sweetspot

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



76777F



A2A3A6



767F7E



525354



D4D4D4



545454

Same Dimension

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



76777F



9798A6



79767F



393A40



000E80



000000

Inverse Universe

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



7F7677



A69798



7C7F76



40393A



80000E



000000

Previews

White Background



This preview shows how the Hex color 76777F looks on a white background.

Color Contrast Check

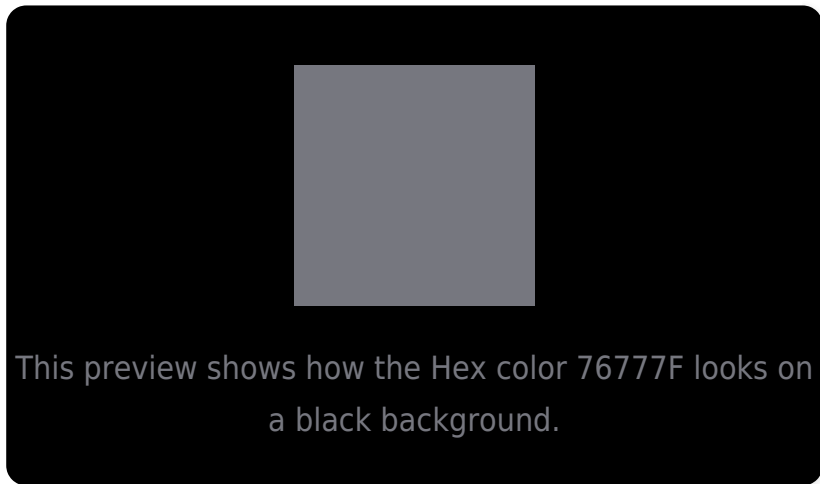
Large Text (above 18pt) WCAG AA ✓ Pass

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

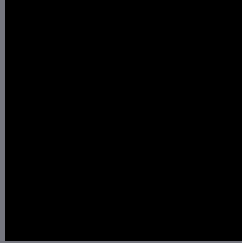
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

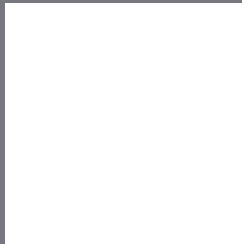
Any Text WCAG AAA × Fail

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

Hex 76777F Background



This preview shows how black text looks on a background with the Hex color 76777F.



This preview shows how white text looks on a background with the Hex color 76777F.

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

76777F

Protanopia

77777F

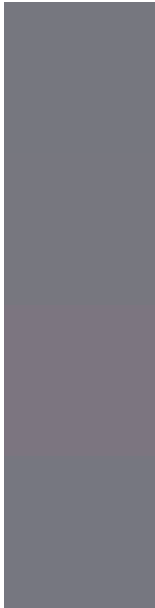
Deuteranopia

7F7480



Tritanopia
767780

Trichromacy



Original Color

76777F

Protanomaly

77777F

Deuteranomaly

7C7580

Tritanomaly

767780

Monochromacy



Original Color

76777F

Achromatopsia

787878

Achromatomaly

77787B

CSS Examples

Text

The CSS property to change the color of the text to Hex 76777F 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 #76777F looks like.

```
.text, #text, p{  
    color:#76777F  
}
```

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 #76777F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76777F
}
```

Border

The CSS property to change the border of an element to Hex 76777F 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
#76777F }
```

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

```
.border{ border-color:#76777F }
```

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

Here you see how a box with a 4 pixel #76777F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76777F; -webkit-box-shadow:4px 4px  
4px 4px #76777F; box-shadow:4px 4px 4px  
4px #76777F }
```

Background

The CSS property to change the background color of an element to Hex 76777F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76777F }
```

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

```
.background{ background-color:#76777F }
```

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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