

# Converting Colors

Hex(77767F)

Have a look what the booklet for  
Hex(77767F) contains.

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# Color

Hex(77767F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77767F
RGB	119, 118, 127
RGB Percent	47%, 46%, 50%
CMY	0.5333, 0.5373, 0.5020
CMYK	0.06, 0.07, 0.00, 0.50
HSL	247°, 4%, 48%
HSV	247°, 7%, 50%
XYZ	17.9169, 18.4111, 22.6880
YIQ	119.3250, -2.2930, 3.0110

# Conversions

## Conversions Part 2

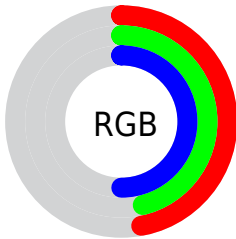
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 118, 127
Decimal	7829119
CIE <sub>Lab</sub>	49.99, 2.25, -4.79
CIE <sub>LCh</sub>	50, 5.293, 295.106
Yxy	18.4111, 0.3036, 0.3120
Android (android.graphics.Color)	4286019199 (0xFF77767F)
YUV	119.3250, 3.7838, -0.2850
Hunter-Lab	42.9082, -0.5540, -1.3144

# Details

The Hex color **77767F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E7F76**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ABAAB4**, and **47464E** is the 20% darker color. If you saturate the color by 10%, you get **6C697F**, and if you desaturate by 10%, it is **82837F**.

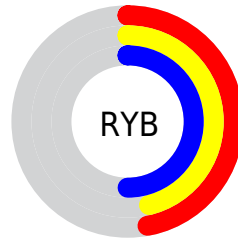
# Distribution



Red (47%)

Green (46%)

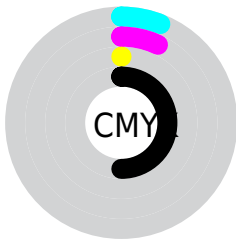
Blue (50%)



Red (47%)

Yellow (46%)

Blue (50%)

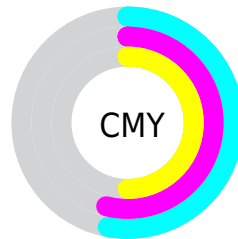


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (50%)



Cyan (53%)

Magenta (54%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77767F 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 77767F by changing the saturation by 10% instead.





77767F



77767F

FFFFFF



5E5D66



ABAAB4



47464E



C6C5CF



303037



E2E1EB



1B1B22

FFFEFF



00000C



000000



77767F



77767F



6C697F



82837F



605D7F



8E8F7F

■ 55507F

■ 999C7F

■ 4A437F

■ A4A97F

■ 3F377F

■ AFB67F

■ 332A7F

■ BBC27F

■ 281D7F

■ C6CF7F

■ 1D107F

■ D1DC7F

■ 11047F

■ DDE87F

# Harmonies

## Analogous

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



727780



77767F



7C757C

# Triad

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



77767F



7F7570



6D7A76

# Complementary

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



77767F



7E7F76

# 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.



717972



77767F



7C766E

# Square

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



77767F



817473



77786F



6C7A7B

# Rectangle

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



77767F



7F7479



77786F



6F7974



# Sweetspot

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



77767F



A3A2A6



767E7F



535254



D4D4D4



545454



# Same Dimension

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



77767F



9897A6



7B767F



3A3940



0E0080



000000



# Inverse Universe

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



7F767E



A697A4



7A7F76



40393F



800071



000000



# Previews

## White Background



This preview shows how the Hex color 77767F looks on a white background.

## Color Contrast Check

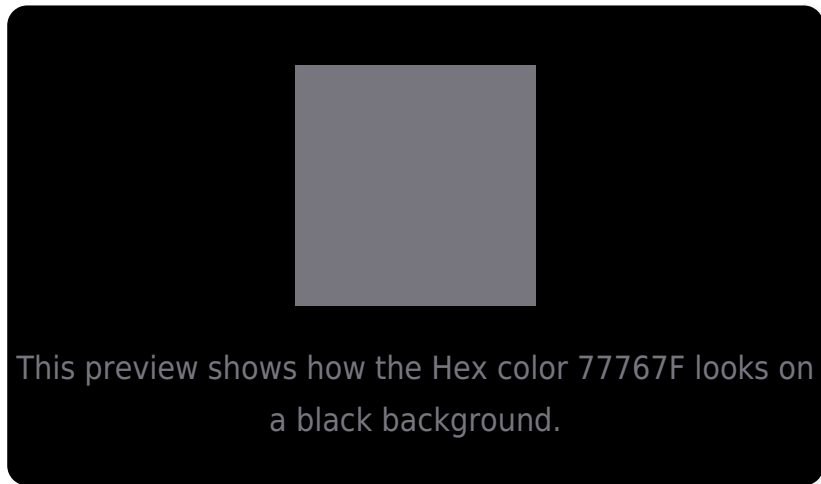
Large Text (above 18pt) WCAG AA ✓ Pass

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

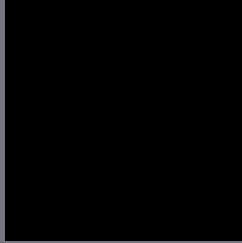
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

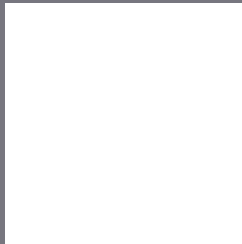
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77767F Background



This preview shows how black text looks on a background with the Hex color 77767F.



This preview shows how white text looks on a background with the Hex color 77767F.

# 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**


77767F

**Protanopia**

77767F

**Deuteranopia**

7E7380



**Tritanopia**  
77767F

# Trichromacy



**Original Color**

77767F

**Protanomaly**

77767F

**Deuteranomaly**

7B7480

**Tritanomaly**

77767F

# Monochromacy



**Original Color**

77767F

**Achromatopsia**

777777

**Achromatomaly**

77777A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77767F 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 #77767F looks like.

```
.text, #text, p{  
    color:#77767F  
}
```

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 #77767F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77767F  
}
```

## Border

The CSS property to change the border of an element to Hex 77767F is called "border". The border property can be set on classes, ids or directly on the HTML element.

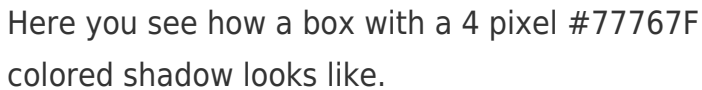
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#77767F }
```

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

```
.border{ border-color:#77767F }
```

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



Here you see how a box with a 4 pixel `#77767F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77767F; -webkit-box-shadow:4px 4px  
4px 4px #77767F; box-shadow:4px 4px 4px  
4px #77767F }
```

# Background

The CSS property to change the background color of an element to Hex 77767F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77767F }
```

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

```
.background{ background-color:#77767F }
```

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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