

# Converting Colors

Hex(7F777F)

Have a look what the booklet for  
Hex(7F777F) contains.

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# Color

**Hex(7F777F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F777F
RGB	127, 119, 127
RGB Percent	50%, 47%, 50%
CMY	0.5020, 0.5333, 0.5020
CMYK	0.00, 0.06, 0.00, 0.50
HSL	300°, 3%, 48%
HSV	300°, 6%, 50%
XYZ	19.1800, 19.2380, 22.7811
YIQ	122.3040, 2.2000, 4.1840

# Conversions

## Conversions Part 2

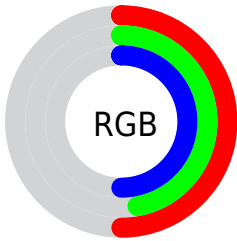
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 119, 127
Decimal	8353663
CIE Lab	50.96, 4.63, -3.28
CIE LCh	51, 5.675, 324.740
Yxy	19.2380, 0.3134, 0.3144
Android (android.graphics.Color)	4286543743 (0xFF7F777F)
YUV	122.3040, 2.3151, 4.1184
Hunter-Lab	43.8611, 1.2991, -0.0919

# Details

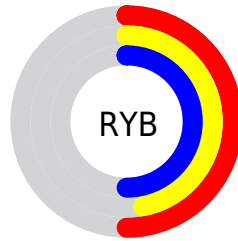
The Hex color **7F777F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777F77**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B4ABB4**, and **4E474E** is the 20% darker color. If you saturate the color by 10%, you get **7F6A7F**, and if you desaturate by 10%, it is **7F847F**.

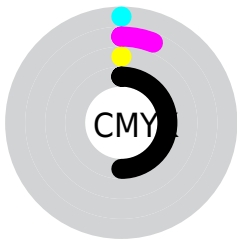
# Distribution



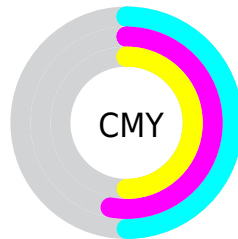
- Red (50%)
- Green (47%)
- Blue (50%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F777F 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 7F777F by changing the saturation by 10% instead.





7F777F



7F777F

FFFFFF



665E66



B4ABB4



4E474E



CFC6CF



373037



EBE2EB



221B22



0C000C



000000



7F777F



7F777F



7F6A7F



7F847F



7F5E7F



7F907F

 7F517F

 7F9D7F

 7F447F

 7FAA7F

 7F387F

 7FB67F

 7F2B7F

 7FC37F

 7F1E7F

 7FD07F

 7F117F

 7FDD7F

 7F057F

 7FE97F

# Harmonies

## Analogous

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



797882



7F777F



83767A

# Triad

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



7F777F



7E7970



6E7C7D

# Complementary

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



7F777F



777F77

# 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.



6F7C78



7F777F



797A71

# Square

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



7F777F



827772



737C74



6F7B81

# Rectangle

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



7F777F



847677



737C74



6E7C7C



# Sweetspot

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



7F777F



A6A2A6



77777F



545254



D4D4D4



545454



# Same Dimension

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



7F777F



A698A6



7F777B



403940



800080



000000



# Inverse Universe

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



7F777F



A698A6



777F7B



403940



800080



000000



# Previews

## White Background



This preview shows how the Hex color 7F777F looks on a white background.

## Color Contrast Check

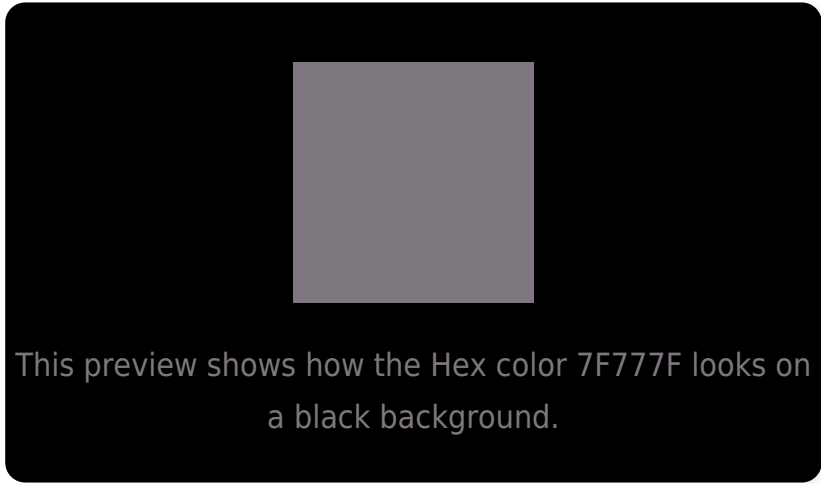
Large Text (above 18pt) WCAG AA ✓ Pass

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

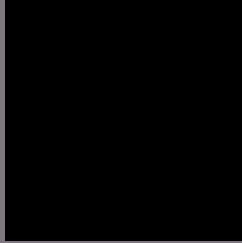
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F777F Background



This preview shows how black text looks on a background with the Hex color 7F777F.



This preview shows how white text looks on a background with the Hex color 7F777F.

# 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**

7F777F

**Protanopia**

7A7980

**Deuteranopia**

82767F



**Tritanopia**  
7F7780

# Trichromacy



**Original Color**

7F777F

**Protanomaly**

7C7880

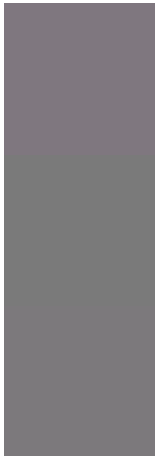
**Deuteranomaly**

81767F

**Tritanomaly**

7F7780

# Monochromacy



**Original Color**

7F777F

**Achromatopsia**

7A7A7A

**Achromatomaly**

7C797C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F777F 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 #7F777F looks like.

```
.text, #text, p{  
    color:#7F777F  
}
```

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 #7F777F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F777F
}
```

## Border

The CSS property to change the border of an element to Hex 7F777F is called "border". The border property can be set on classes, ids or directly on the HTML element.

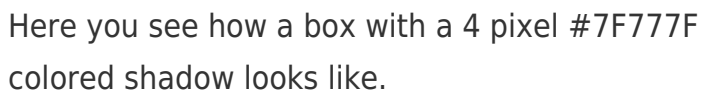
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F777F }
```

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

```
.border{ border-color:#7F777F }
```

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



Here you see how a box with a 4 pixel `#7F777F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F777F; -webkit-box-shadow:4px 4px  
4px 4px #7F777F; box-shadow:4px 4px 4px  
4px #7F777F }
```

# Background

The CSS property to change the background color of an element to Hex 7F777F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F777F }
```

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

```
.background{ background-color:#7F777F }
```

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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