

# Converting Colors

Hex(7B777E)

Have a look what the booklet for  
Hex(7B777E) contains.

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# Color

Hex(7B777E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B777E
RGB	123, 119, 126
RGB Percent	48%, 47%, 49%
CMY	0.5176, 0.5333, 0.5059
CMYK	0.02, 0.06, 0.00, 0.51
HSL	274°, 3%, 48%
HSV	274°, 6%, 49%
XYZ	18.5311, 18.9110, 22.4122
YIQ	120.9940, 0.1370, 3.0250

# Conversions

## Conversions Part 2

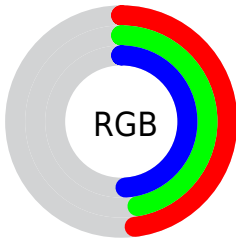
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 119, 126
Decimal	8091518
CIE Lab	50.58, 2.93, -3.29
CIE LCh	51, 4.407, 311.724
Yxy	18.9110, 0.3096, 0.3160
Android (android.graphics.Color)	4286281598 (0xFF7B777E)
YUV	120.9940, 2.4680, 1.7593
Hunter-Lab	43.4867, -0.0372, -0.1161

# Details

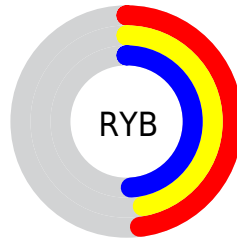
The Hex color **7B777E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7E77**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AFABB3**, and **4A474D** is the 20% darker color. If you saturate the color by 10%, you get **766A7E**, and if you desaturate by 10%, it is **80847E**.

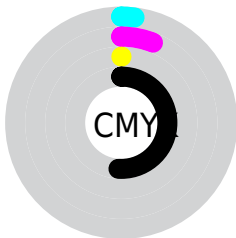
# Distribution



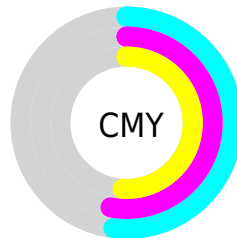
- Red (48%)
- Green (47%)
- Blue (49%)



- Red (48%)
- Yellow (47%)
- Blue (49%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (53%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B777E 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 7B777E by changing the saturation by 10% instead.



■ 7B777E

■ 7B777E

FFFFFF

■ 625E65

■ AFABB3

■ 4A474D

■ CBC6CE

■ 343036

■ E7E2EA

■ 1F1C21

■ 06000A

■ 000000

■ 7B777E

■ 7B777E

■ 766A7E

■ 80847E

■ 705E7E

■ 86907E

6B517E

8B9D7E

65457E

91A97E

60387E

96B67E

5B2B7E

9BC37E

551F7E

A1CF7E

50127E

A6DC7E

4A067E

ACE87E

# Harmonies

## Analogous

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



767880



7B777E



7F767B

# Triad

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



7B777E



7E7771



707B7A

# Complementary

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



7B777E



7A7E77

# 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.



727A76



7B777E



7A7971

# Square

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



7B777E



807674



767A73



707A7D

# Rectangle

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



7B777E



807678



767A73



707B78



# Sweetspot

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



7B777E



A2A0A3



777A7E



515052



D1D1D1



525252



# Same Dimension

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



7B777E



9E98A3



7E777E



3E3B40



490080



000000



# Inverse Universe

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



7E777A



A3989D



777E77



403B3D



800037



000000



# Previews

## White Background



This preview shows how the Hex color 7B777E looks on a white background.

## Color Contrast Check

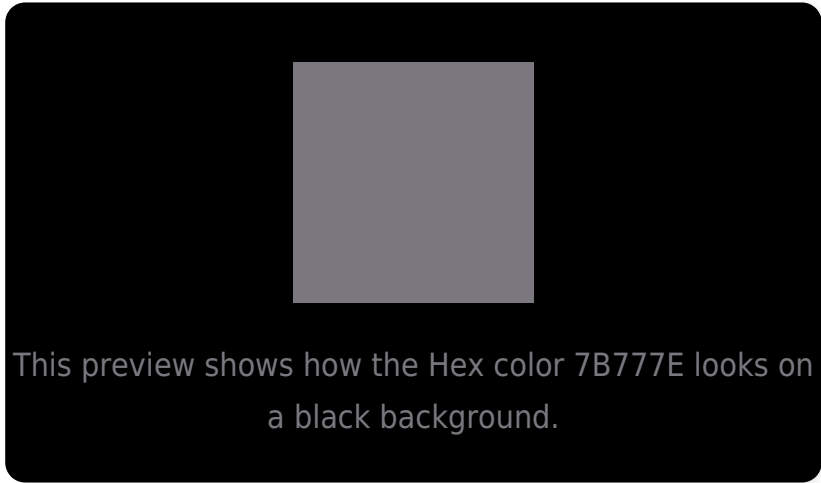
Large Text (above 18pt) WCAG AA ✓ Pass

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

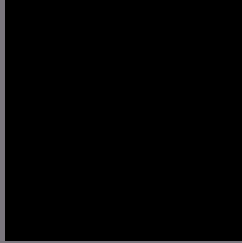
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B777E Background



This preview shows how black text looks on a background with the Hex color 7B777E.



This preview shows how white text looks on a background with the Hex color 7B777E.

# 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**  
7B77E

**Protanopia**  
79787E

**Deuteranopia**  
81757E



**Tritanopia**  
7B7780

# Trichromacy



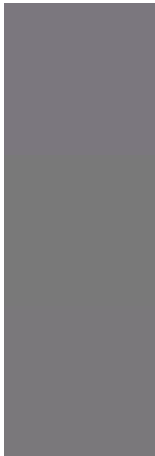
**Original Color**  
7B777E

**Protanomaly**  
7A787E

**Deuteranomaly**  
7F767E

**Tritanomaly**  
7B777F

# Monochromacy



**Original Color**  
7B777E

**Achromatopsia**  
797979

**Achromatomaly**  
7A787B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B777E 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 #7B777E looks like.

```
.text, #text, p{  
    color:#7B777E  
}
```

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 #7B777E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B777E
}
```

## Border

The CSS property to change the border of an element to Hex 7B777E is called "border". The border property can be set on classes, ids or directly on the HTML element.

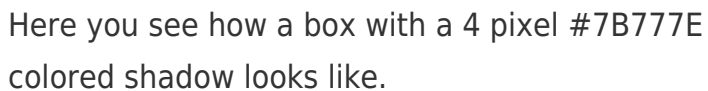
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B777E }
```

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

```
.border{ border-color:#7B777E }
```

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



Here you see how a box with a 4 pixel #7B777E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B777E; -webkit-box-shadow:4px 4px  
4px 4px #7B777E; box-shadow:4px 4px 4px  
4px #7B777E }
```

# Background

The CSS property to change the background color of an element to Hex 7B777E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B777E }
```

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

```
.background{ background-color:#7B777E }
```

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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