

# Converting Colors

Hex(7E787F)

Have a look what the booklet for  
Hex(7E787F) contains.

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# Color

**Hex(7E787F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E787F
RGB	126, 120, 127
RGB Percent	49%, 47%, 50%
CMY	0.5059, 0.5294, 0.5020
CMYK	0.01, 0.06, 0.00, 0.50
HSL	291°, 3%, 48%
HSV	291°, 6%, 50%
XYZ	19.1514, 19.4009, 22.8140
YIQ	122.5920, 1.3290, 3.4490

# Conversions

## Conversions Part 2

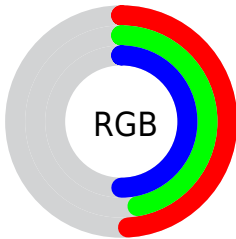
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 120, 127
Decimal	8288383
CIE Lab	51.15, 3.68, -3.01
CIE LCh	51, 4.750, 320.702
Yxy	19.4009, 0.3121, 0.3161
Android (android.graphics.Color)	4286478463 (0xFF7E787F)
YUV	122.5920, 2.1731, 2.9888
Hunter-Lab	44.0464, 0.5307, 0.1230

# Details

The Hex color **7E787F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **797F78**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B3ACB4**, and **4D484E** is the 20% darker color. If you saturate the color by 10%, you get **7C6B7F**, and if you desaturate by 10%, it is **80857F**.

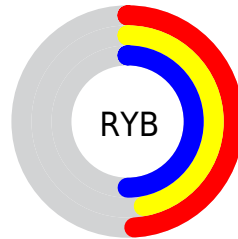
# Distribution



Red (49%)

Green (47%)

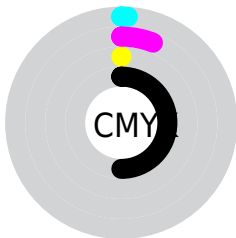
Blue (50%)



Red (49%)

Yellow (47%)

Blue (50%)

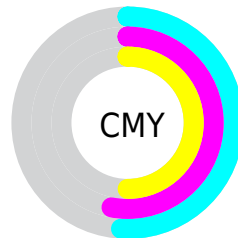


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (50%)



Cyan (51%)

Magenta (53%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E787F 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 7E787F by changing the saturation by 10% instead.



■ 7E787F

■ 7E787F

FFFFFF

■ 655F66

■ B3ACB4

■ 4D484E

■ CEC8CF

■ 363137

■ EAE4EB

■ 211C22

■ 0A020C

■ 000000

■ 7E787F

■ 7E787F

■ 7C6B7F

■ 80857F

■ 7A5F7F

■ 82917F

79527F

839E7F

77457F

85AB7F

75397F

87B87F

732C7F

89C47F

711F7F

8BD17F

6F127F

8DDE7F

6E067F

8EEA7F

# Harmonies

## Analogous

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



797981



7E787F



82777B

# Triad

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



7E787F



7F7972



707C7D

# Complementary

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



7E787F



797F78

# 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.



727C78



7E787F



7A7A72

# Square

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



7E787F



827874



767C75



717C80

# Rectangle

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



7E787F



837778



767C75



707C7B



# Sweetspot

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



7E787F



A5A2A6



78797F



545254



D4D4D4



545454



# Same Dimension

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



7E787F



A49AA6



7F787D



3F3B40



6D0080



000000



# Inverse Universe

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



7F7879



A69A9C



787F7A



403B3B



800012



000000



# Previews

## White Background



This preview shows how the Hex color 7E787F looks on a white background.

## Color Contrast Check

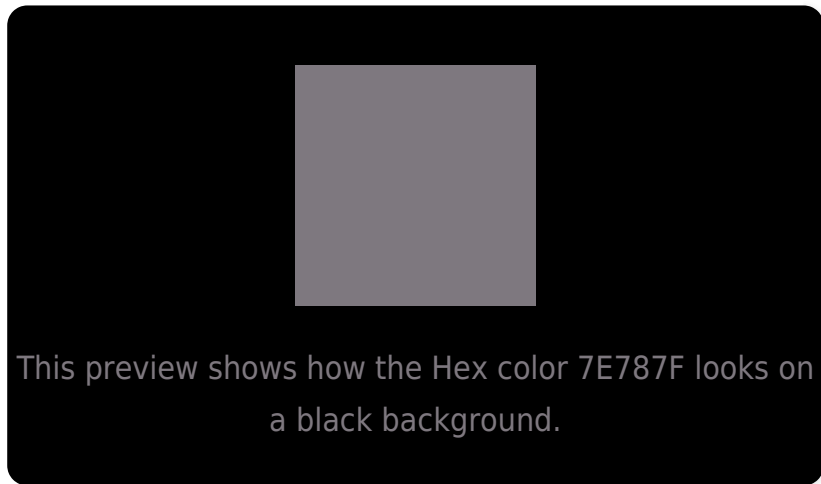
Large Text (above 18pt) WCAG AA ✓ Pass

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

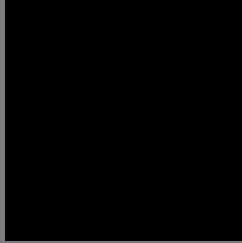
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E787F Background



This preview shows how black text looks on a background with the Hex color 7E787F.



This preview shows how white text looks on a background with the Hex color 7E787F.

# 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**

7E87F

**Protanopia**

7A7980

**Deuteranopia**

83767F



**Tritanopia**  
7E7881

# Trichromacy



**Original Color**  
7E87F

**Protanomaly**  
7B7980

**Deuteranomaly**  
81777F

**Tritanomaly**  
7E7880

# Monochromacy



**Original Color**  
7E87F

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7C7A7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E787F 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 #7E787F looks like.

```
.text, #text, p{  
    color:#7E787F  
}
```

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 #7E787F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E787F
}
```

## Border

The CSS property to change the border of an element to Hex 7E787F is called "border". The border property can be set on classes, ids or directly on the HTML element.

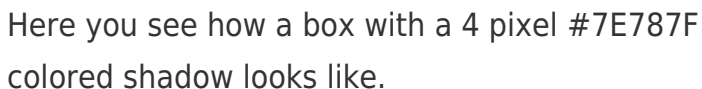
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E787F }
```

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

```
.border{ border-color:#7E787F }
```

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



Here you see how a box with a 4 pixel #7E787F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E787F; -webkit-box-shadow:4px 4px  
4px 4px #7E787F; box-shadow:4px 4px 4px  
4px #7E787F }
```

# Background

The CSS property to change the background color of an element to Hex 7E787F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E787F }
```

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

```
.background{ background-color:#7E787F }
```

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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