

# Converting Colors

Hex(7C787E)

Have a look what the booklet for  
Hex(7C787E) contains.

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# Color

Hex(7C787E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C787E
RGB	124, 120, 126
RGB Percent	49%, 47%, 49%
CMY	0.5137, 0.5294, 0.5059
CMYK	0.02, 0.05, 0.00, 0.51
HSL	280°, 2%, 48%
HSV	280°, 5%, 49%
XYZ	18.7945, 19.2244, 22.4588
YIQ	121.8800, 0.4580, 2.7140

# Conversions

## Conversions Part 2

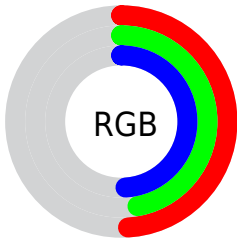
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 120, 126
Decimal	8157310
CIELab	50.95, 2.72, -2.74
CIElCh	51, 3.864, 314.825
Yxy	19.2244, 0.3108, 0.3179
Android (android.graphics.Color)	4286347390 (0xFF7C787E)
YUV	121.8800, 2.0312, 1.8592
Hunter-Lab	43.8456, -0.2153, 0.3222

# Details

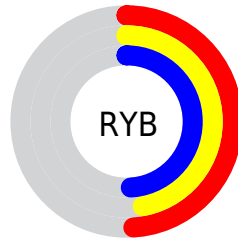
The Hex color **7C787E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7E78**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B0ACB3**, and **4B484D** is the 20% darker color. If you saturate the color by 10%, you get **786B7E**, and if you desaturate by 10%, it is **80857E**.

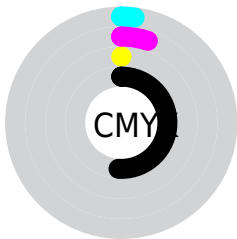
# Distribution



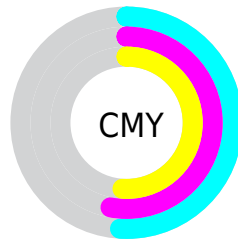
- Red (49%)
- Green (47%)
- Blue (49%)



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



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (51%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C787E 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 7C787E by changing the saturation by 10% instead.





7C787E



7C787E

FFFFFF



635F65



B0ACB3



4B484D



CCC8CE



353136



E8E4EA



1F1C21



07020A



000000



7C787E



7C787E



786B7E



80857E



745F7E



84917E

6F527E

899E7E

6B467E

8DAA7E

67397E

91B77E

632C7E

95C47E

5F207E

99D07E

5A137E

9EDD7E

56077E

A2E97E

# Harmonies

## Analogous

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



787980



7C787E



7F777B

# Triad

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



7C787E



7E7973



727B7B

# Complementary

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



7C787E



7A7E78

# 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.



737B77



7C787E



7A7A73

# Square

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



7C787E



807875



777B75



727B7E

# Rectangle

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



7C787E



807779



777B75



727B7A



# Sweetspot

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



7C787E



A3A2A3



787A7E



515152



D1D1D1



525252



# Same Dimension

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



7C787E



A099A3



7E787D



3E3B40



550080



000000



# Inverse Universe

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



7E787A



A3999D



787E79



403B3D



80002B



000000



# Previews

## White Background



This preview shows how the Hex color 7C787E looks on a white background.

## Color Contrast Check

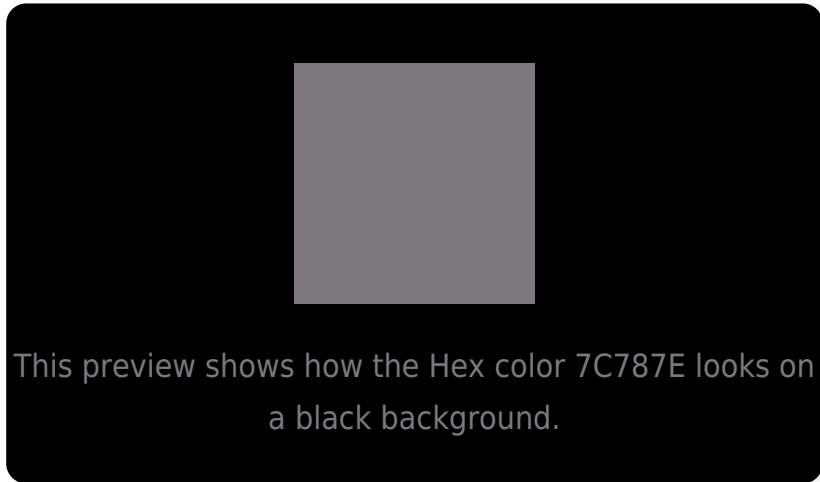
Large Text (above 18pt) WCAG AA ✓ Pass

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

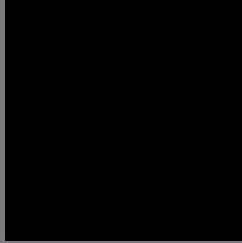
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

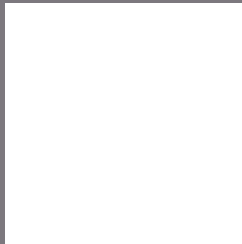
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C787E Background



This preview shows how black text looks on a background with the Hex color 7C787E.



This preview shows how white text looks on a background with the Hex color 7C787E.

# 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**

7C787E

**Protanopia**

7A797E

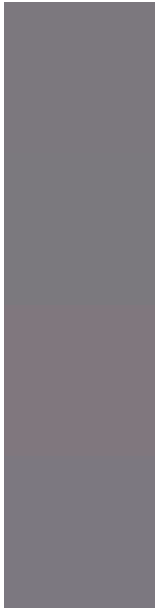
**Deuteranopia**

83767E



**Tritanopia**  
7C7881

# Trichromacy



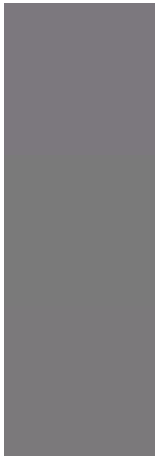
**Original Color**  
7C787E

**Protanomaly**  
7B797E

**Deuteranomaly**  
80777E

**Tritanomaly**  
7C7880

# Monochromacy



**Original Color**  
7C787E

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7B797B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C787E 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 #7C787E looks like.

```
.text, #text, p{  
    color:#7C787E  
}
```

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 #7C787E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C787E
}
```

## Border

The CSS property to change the border of an element to Hex 7C787E 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
#7C787E }
```

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

```
.border{ border-color:#7C787E }
```

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

Here you see how a box with a 4 pixel #7C787E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C787E; -webkit-box-shadow:4px 4px  
4px 4px #7C787E; box-shadow:4px 4px 4px  
4px #7C787E }
```

# Background

The CSS property to change the background color of an element to Hex 7C787E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C787E }
```

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

```
.background{ background-color:#7C787E }
```

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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