

# Converting Colors

Hex(7E7A80)

Have a look what the booklet for  
Hex(7E7A80) contains.

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# Color

Hex(7E7A80)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E7A80
RGB	126, 122, 128
RGB Percent	49%, 48%, 50%
CMY	0.5059, 0.5216, 0.4980
CMYK	0.02, 0.05, 0.00, 0.50
HSL	280°, 2%, 49%
HSV	280°, 5%, 50%
XYZ	19.4600, 19.9132, 23.2401
YIQ	123.8800, 0.4580, 2.7140

# Conversions

## Conversions Part 2

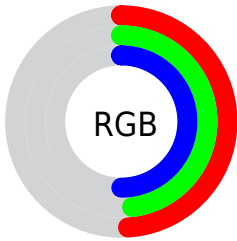
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 122, 128
Decimal	8288896
CIE Lab	51.74, 2.72, -2.73
CIE LCh	52, 3.853, 314.822
Yxy	19.9132, 0.3108, 0.3180
Android (android.graphics.Color)	4286478976 (0xFF7E7A80)
YUV	123.8800, 2.0312, 1.8592
Hunter-Lab	44.6242, -0.2510, 0.3590

# Details

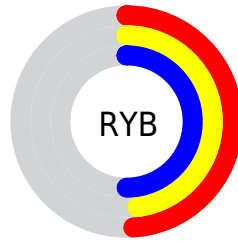
The Hex color **7E7A80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C807A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B3AEB5**, and **4D494F** is the 20% darker color. If you saturate the color by 10%, you get **7A6D80**, and if you desaturate by 10%, it is **828780**.

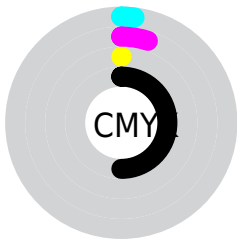
# Distribution



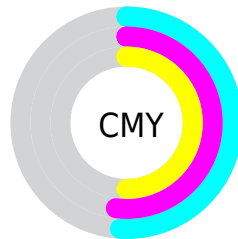
- Red (49%)
- Green (48%)
- Blue (50%)



- Red (49%)
- Yellow (48%)
- Blue (50%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (51%)
- Magenta (52%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E7A80 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 7E7A80 by changing the saturation by 10% instead.





7E7A80



7E7A80

FFFFFF



656167



B3AEB5



4D494F



CECAD0



363338



EAE6ED



211E23



0A040D



000000



7E7A80



7E7A80



7A6D80



828780



756080



879480

715480

8BA080

6D4780

8FAD80

693A80

93BA80

642D80

98C780

602080

9CD480

5C1480

A0E080

580780

A4ED80

# Harmonies

## Analogous

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



7A7B82



7E7A80



81797D

# Triad

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



7E7A80



807B75



747D7D

# Complementary

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



7E7A80



7C807A

# 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.



757D79



7E7A80



7C7C75

# Square

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



7E7A80



827A77



797D77



747D80

# Rectangle

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



7E7A80



82797B



797D77



747D7C



# Sweetspot

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



7E7A80



A5A4A6



7A7C80



545354



D4D4D4



545454



# Same Dimension

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



7E7A80



A29CA6



807A7F



3E3B40



550080



000000



# Inverse Universe

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



807A7C



A69C9F



7A807B



403B3D



80002A



000000



# Previews

## White Background



This preview shows how the Hex color 7E7A80 looks on a white background.

## Color Contrast Check

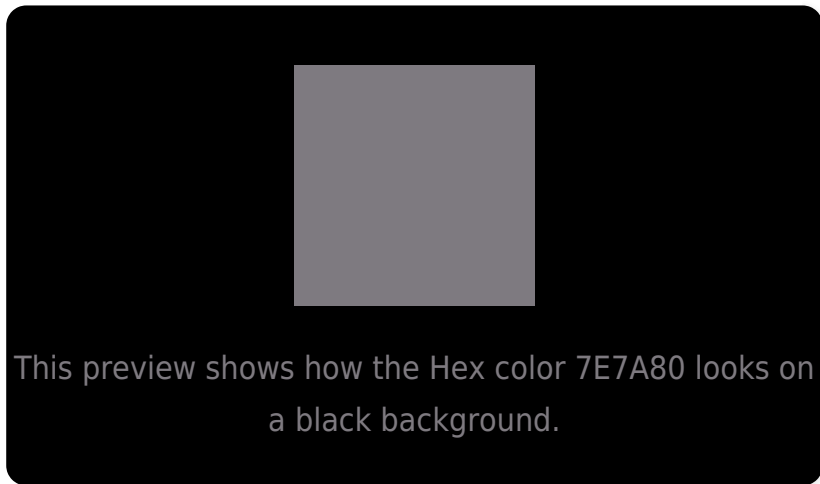
Large Text (above 18pt) WCAG AA ✓ Pass

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

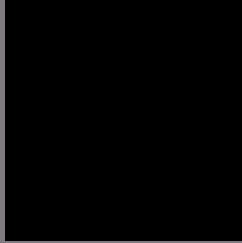
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

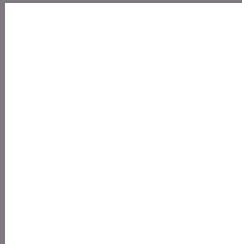
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E7A80 Background



This preview shows how black text looks on a background with the Hex color 7E7A80.



This preview shows how white text looks on a background with the Hex color 7E7A80.

# 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**  
7E7A80

**Protanopia**  
7C7B80

**Deuteranopia**  
857880



**Tritanopia**  
7E7A83

# Trichromacy



**Original Color**

7E7A80

**Protanomaly**

7D7B80

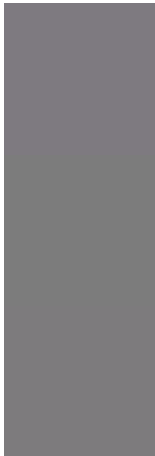
**Deuteranomaly**

827980

**Tritanomaly**

7E7A82

# Monochromacy



**Original Color**

7E7A80

**Achromatopsia**

7C7C7C

**Achromatomaly**

7D7B7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E7A80 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 #7E7A80 looks like.

```
.text, #text, p{  
    color:#7E7A80  
}
```

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 #7E7A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7A80
}
```

## Border

The CSS property to change the border of an element to Hex 7E7A80 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
#7E7A80 }
```

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

```
.border{ border-color:#7E7A80 }
```

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

Here you see how a box with a 4 pixel #7E7A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7A80; -webkit-box-shadow:4px 4px  
4px 4px #7E7A80; box-shadow:4px 4px 4px  
4px #7E7A80 }
```

# Background

The CSS property to change the background color of an element to Hex 7E7A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7A80 }
```

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

```
.background{ background-color:#7E7A80 }
```

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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