

# Converting Colors

Hex(7A7D7F)

Have a look what the booklet for  
Hex(7A7D7F) contains.

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# Color

Hex(7A7D7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A7D7F
RGB	122, 125, 127
RGB Percent	48%, 49%, 50%
CMY	0.5216, 0.5098, 0.5020
CMYK	0.04, 0.02, 0.00, 0.50
HSL	204°, 2%, 49%
HSV	204°, 4%, 50%
XYZ	19.1904, 20.3371, 22.9927
YIQ	124.3310, -2.4300, -0.0140

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 124, 127
Decimal	8027519
CIE Lab	52.22, -0.71, -1.48
CIE LCh	52, 1.645, 244.484
Yxy	20.3371, 0.3069, 0.3253
Android (android.graphics.Color)	4286217599 (0xFF7A7D7F)
YUV	124.3310, 1.3158, -2.0443
Hunter-Lab	45.0967, -2.9604, 1.3385

# Details

The Hex color **7A7D7F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F7C7A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **AEB2B4**, and **494C4E** is the 20% darker color. If you saturate the color by 10%, you get **6D787F**, and if you desaturate by 10%, it is **87827F**.

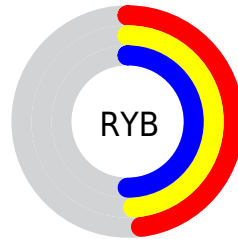
# Distribution



Red (48%)

Green (49%)

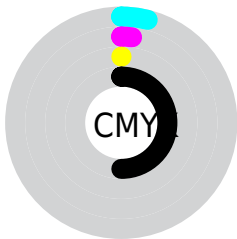
Blue (50%)



Red (48%)

Yellow (49%)

Blue (50%)

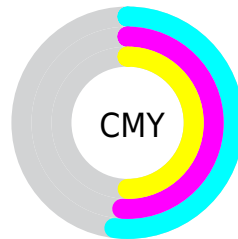


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (50%)



Cyan (52%)

Magenta (51%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7D7F 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 7A7D7F by changing the saturation by 10% instead.



■ 7A7D7F

■ 7A7D7F

FFFFFF

■ 616466

■ AEB2B4

■ 494C4E

■ CACDCF

■ 333637

■ E6E9EB

■ 1E2022

■ 05090C

■ 000000

■ 7A7D7F

■ 7A7D7F

■ 6D787F

■ 87827F

■ 61737F

■ 93877F

■ 546E7F

■ A08C7F

■ 47697F

■ AD917F

■ 3B647F

■ BA967F

■ 2E5F7F

■ C69B7F

■ 21597F

■ D3A17F

■ 14547F

■ E0A67F

■ 084F7F

■ ECAB7F

# Harmonies

## Analogous

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



797D7E



7A7D7F



7B7D7F

# Triad

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



7A7D7F



807C7C



7C7D7A

# Complementary

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



7A7D7F



7F7C7A

# 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.



7E7C7A



7A7D7F



807C7B

# Square

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



7A7D7F



7F7C7E



7F7C7A



7A7D7B

# Rectangle

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



7A7D7F



7D7C7F



7F7C7A



7C7D7A



# Sweetspot

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



7A7D7F



A4A5A6



7A7F7C



535454



D4D4D4



545454



# Same Dimension

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



7A7D7F



9DA2A6



7A7B7F



3C3E40



004C80



000000



# Inverse Universe

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



7F7A7D



A69DA2



7F7F7A



403C3E



80004C



000000



# Previews

## White Background



This preview shows how the Hex color 7A7D7F looks on a white background.

## Color Contrast Check

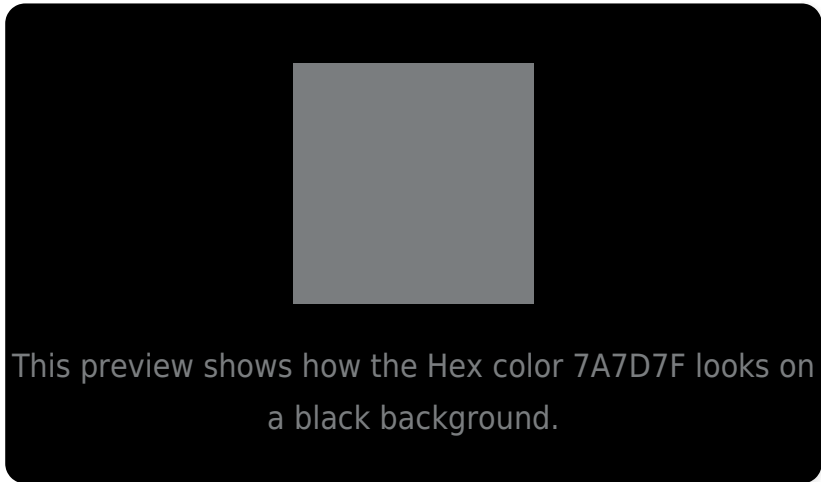
Large Text (above 18pt) WCAG AA ✓ Pass

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

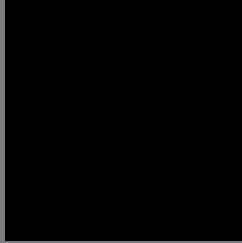
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

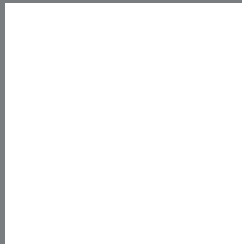
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A7D7F Background



This preview shows how black text looks on a background with the Hex color 7A7D7F.



This preview shows how white text looks on a background with the Hex color 7A7D7F.

# 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**


7A7D7F

**Protanopia**

7E7C7E

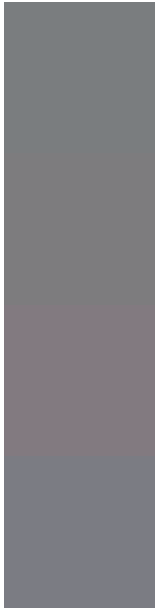
**Deuteranopia**

877980



**Tritanopia**  
7B7C86

# Trichromacy



**Original Color**  
7A7D7F

**Protanomaly**  
7D7C7E

**Deuteranomaly**  
827A80

**Tritanomaly**  
7B7C83

# Monochromacy



**Original Color**  
7A7D7F

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7B7C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7D7F 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 #7A7D7F looks like.

```
.text, #text, p{  
    color:#7A7D7F  
}
```

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 #7A7D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7D7F
}
```

## Border

The CSS property to change the border of an element to Hex 7A7D7F 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
#7A7D7F }
```

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

```
.border{ border-color:#7A7D7F }
```

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

Here you see how a box with a 4 pixel #7A7D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7D7F; -webkit-box-shadow:4px 4px  
4px 4px #7A7D7F; box-shadow:4px 4px 4px  
4px #7A7D7F }
```

# Background

The CSS property to change the background color of an element to Hex 7A7D7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7D7F }
```

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

```
.background{ background-color:#7A7D7F }
```

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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