

# Converting Colors

Hex(6F7F7E)

Have a look what the booklet for  
Hex(6F7F7E) contains.

<b>Hex(6F7F7E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6F7F7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F7F7E
RGB	111, 127, 126
RGB Percent	44%, 50%, 49%
CMY	0.5647, 0.5020, 0.5059
CMYK	0.13, 0.00, 0.01, 0.50
HSL	176°, 7%, 47%
HSV	176°, 13%, 50%
XYZ	17.9108, 20.0646, 22.6675
YIQ	122.1020, -9.2150, -3.7030

# Conversions

## Conversions Part 2

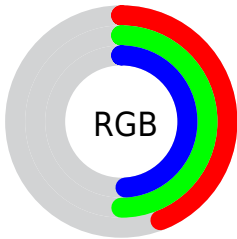
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 119, 127
Decimal	7307134
CIE <sub>Lab</sub>	51.91, -6.06, -1.45
CIE <sub>LCh</sub>	52, 6.230, 193.439
Yxy	20.0646, 0.2953, 0.3309
Android (android.graphics.Color)	4285497214 (0xFF6F7F7E)
YUV	122.1020, 1.9217, -9.7365
Hunter-Lab	44.7935, -7.0150, 1.3521

# Details

The Hex color **6F7F7E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F6F70**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A3B4B3**, and **3F4E4D** is the 20% darker color. If you saturate the color by 10%, you get **627F7D**, and if you desaturate by 10%, it is **7C7F7F**.

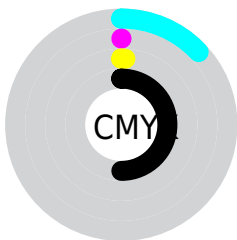
# Distribution



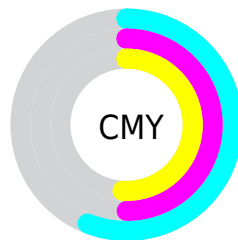
- Red (44%)
- Green (50%)
- Blue (49%)



- Red (44%)
- Yellow (47%)
- Blue (50%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7F7E 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 6F7F7E by changing the saturation by 10% instead.





6F7F7E



6F7F7E

FFFFFF



576665



A3B4B3



3F4E4D



BECFCE



293736



DAEBEA



142221



F6FFFF



000C0A



000000



6F7F7E



6F7F7E



627F7D



7C7F7F



567F7C



887F80

497F7C

957F80

3C7F7B

A27F81

307F7A

AF7F82

237F79

BB7F83

167F78

C87F84

097F78

D57F84

007F77

E17F85

# Harmonies

## Analogous

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



727F79



6F7F7E



6F7E83

# Triad

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



6F7F7E



807A84



837A72

# Complementary

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



6F7F7E



7F6F70

# 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.



877975



6F7F7E



85797F

# Square

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



6F7F7E



797B86



877879



7E7C71

# Rectangle

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



6F7F7E



727E85



877879



857A72



# Sweetspot

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



6F7F7E



9FA6A5



707F6F



505454



D4D4D4



545454



# Same Dimension

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



6F7F7E



8DA6A4



6F787F



39403F



008078



000000



# Inverse Universe

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



7F6F70



A68D8E



7F766F



40393A



800008



000000



# Previews

## White Background



This preview shows how the Hex color 6F7F7E looks on a white background.

## Color Contrast Check

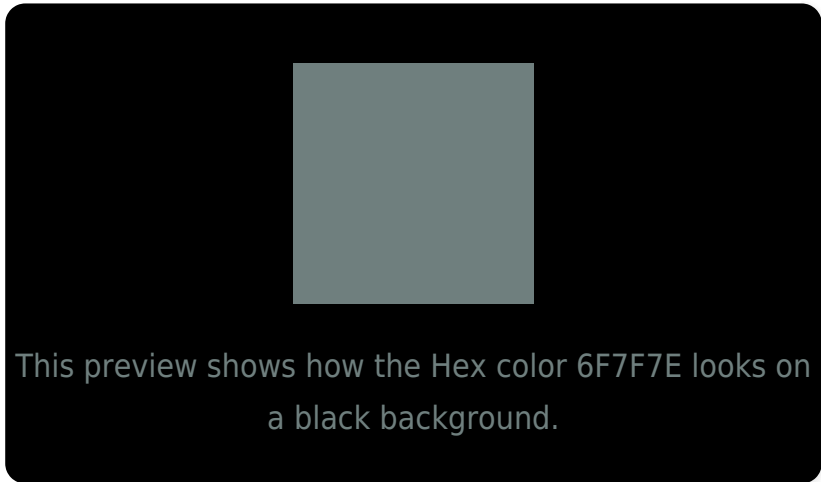
Large Text (above 18pt) WCAG AA ✓ Pass

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

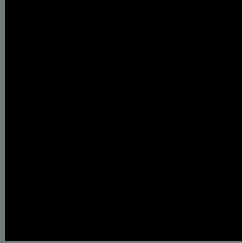
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

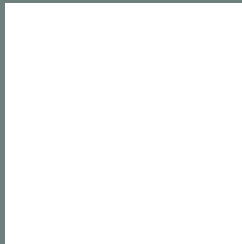
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F7F7E Background



This preview shows how black text looks on a background with the Hex color 6F7F7E.



This preview shows how white text looks on a background with the Hex color 6F7F7E.

# 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





**Tritanopia**  
717E88

# Trichromacy



**Original Color**  
6F7F7E

**Protanomaly**  
797C7D

**Deuteranomaly**  
7E7B7F

**Tritanomaly**  
707E84

# Monochromacy



**Original Color**  
6F7F7E

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
767C7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7F7E 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 #6F7F7E looks like.

```
.text, #text, p{  
    color:#6F7F7E  
}
```

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 #6F7F7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7F7E
}
```

## Border

The CSS property to change the border of an element to Hex 6F7F7E 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
#6F7F7E }
```

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

```
.border{ border-color:#6F7F7E }
```

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

Here you see how a box with a 4 pixel #6F7F7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7F7E; -webkit-box-shadow:4px 4px  
4px 4px #6F7F7E; box-shadow:4px 4px 4px  
4px #6F7F7E }
```

# Background

The CSS property to change the background color of an element to Hex 6F7F7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7F7E }
```

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

```
.background{ background-color:#6F7F7E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor