

# Converting Colors

Hex(5F7F7F)

Have a look what the booklet for  
Hex(5F7F7F) contains.

<b>Hex(5F7F7F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5F7F7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F7F7F
RGB	95, 127, 127
RGB Percent	37%, 50%, 50%
CMY	0.6275, 0.5020, 0.5020
CMYK	0.25, 0.00, 0.00, 0.50
HSL	180°, 14%, 44%
HSV	180°, 25%, 50%
XYZ	16.1395, 19.1439, 22.9232
YIQ	117.4320, -19.0720, -6.7840

# Conversions

## Conversions Part 2

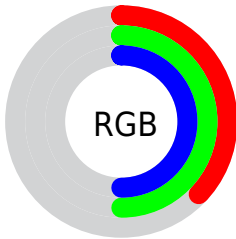
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 111, 127
Decimal	6258559
CIE Lab	50.86, -11.29, -3.71
CIE LCh	51, 11.886, 198.192
Yxy	19.1439, 0.2773, 0.3289
Android (android.graphics.Color)	4284448639 (0xFF5F7F7F)
YUV	117.4320, 4.7170, -19.6729
Hunter-Lab	43.7538, -10.7259, -0.4351

# Details

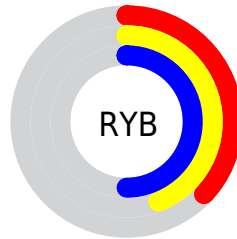
The Hex color **5F7F7F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7F5F5F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **92B4B4**, and **2F4E4E** is the 20% darker color. If you saturate the color by 10%, you get **527F7F**, and if you desaturate by 10%, it is **6C7F7F**.

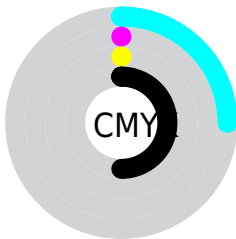
# Distribution



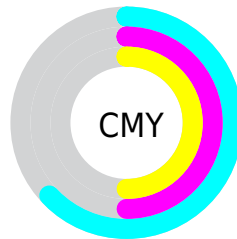
- Red (37%)
- Green (50%)
- Blue (50%)



- Red (37%)
- Yellow (44%)
- Blue (50%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (63%)
- Magenta (50%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F7F7F 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 5F7F7F by changing the saturation by 10% instead.



■ 5F7F7F

■ 5F7F7F

FFFFFF

■ 476666

■ 92B4B4

■ 2F4E4E

■ ADCFCF

■ 183737

■ C9ECEB

■ 022122

■ E5FFFF

■ 00060C

■ 000000

■ 5F7F7F

■ 5F7F7F

■ 527F7F

■ 6C7F7F

■ 467F7F

■ 787F7F

397F7F

857F7F

2C7F7F

927F7F

207F7F

9F7F7F

137F7F

AB7F7F

067F7F

B87F7F

007F7F

C57F7F

D17F7F

# Harmonies

## Analogous

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



657F75



5F7F7F



617E88

# Triad

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



5F7F7F



827587



857765

# Complementary

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



5F7F7F



7F5F5F

# 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.



8C746A



5F7F7F



8B727E

# Square

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



5F7F7F



76788C



8F7273



7B7A66

# Rectangle

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



5F7F7F



667C8C



8F7273



887667



# Sweetspot

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



5F7F7F



98A6A6



5F7F5F



4C5454



D4D4D4



545454



# Same Dimension

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



5F7F7F



74A6A6



5F6F7F



394040



008080



000000



# Inverse Universe

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



7F5F7F



A674A6



7F6F5F



403940



800080



000000



# Previews

## White Background



This preview shows how the Hex color 5F7F7F looks on a white background.

## Color Contrast Check

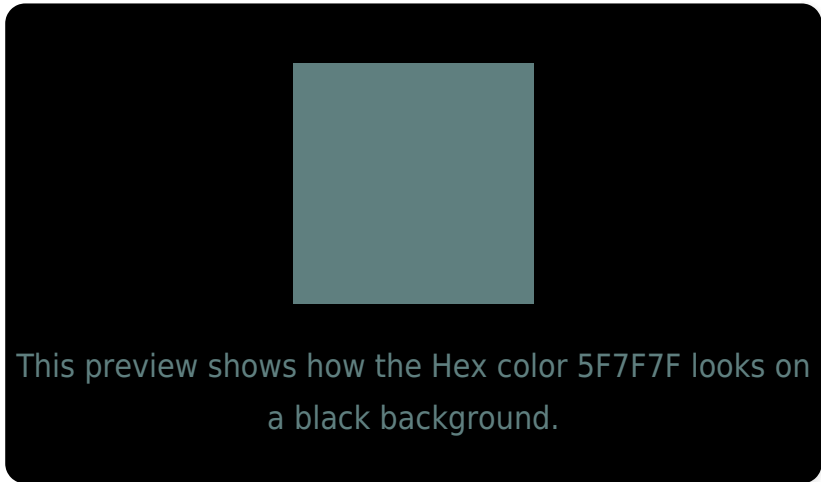
Large Text (above 18pt) WCAG AA ✓ Pass

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

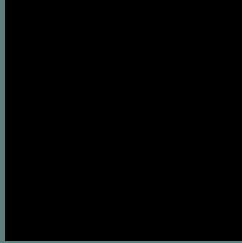
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F7F7F Background



This preview shows how black text looks on a background with the Hex color 5F7F7F.

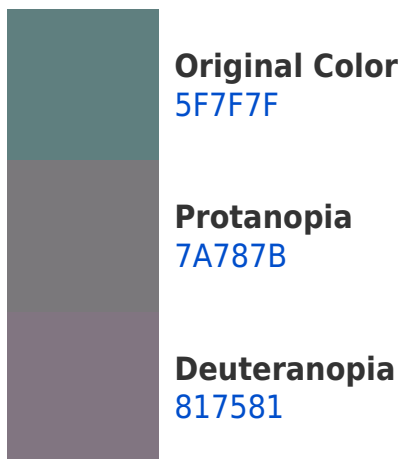


This preview shows how white text looks on a background with the Hex color 5F7F7F.

# 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](#).

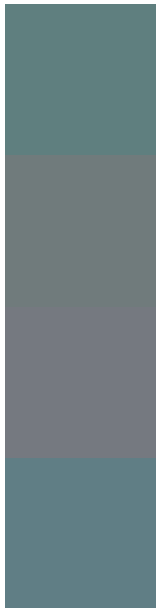
## Dichromacy





**Tritanopia**  
617E88

# Trichromacy



**Original Color**  
5F7F7F

**Protanomaly**  
707B7C

**Deuteranomaly**  
757980

**Tritanomaly**  
607E85

# Monochromacy



**Original Color**  
5F7F7F

**Achromatopsia**  
757575

**Achromatomaly**  
6D7979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F7F7F 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 #5F7F7F looks like.

```
.text, #text, p{  
    color:#5F7F7F  
}
```

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 #5F7F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7F7F
}
```

## Border

The CSS property to change the border of an element to Hex 5F7F7F 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
#5F7F7F }
```

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

```
.border{ border-color:#5F7F7F }
```

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

Here you see how a box with a 4 pixel #5F7F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7F7F; -webkit-box-shadow:4px 4px  
4px 4px #5F7F7F; box-shadow:4px 4px 4px  
4px #5F7F7F }
```

# Background

The CSS property to change the background color of an element to Hex 5F7F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7F7F }
```

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

```
.background{ background-color:#5F7F7F }
```

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