

# Converting Colors

Hex(617F7F)

Have a look what the booklet for  
Hex(617F7F) contains.

<b>Hex(617F7F)</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(617F7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	617F7F
RGB	97, 127, 127
RGB Percent	38%, 50%, 50%
CMY	0.6196, 0.5020, 0.5020
CMYK	0.24, 0.00, 0.00, 0.50
HSL	180°, 13%, 44%
HSV	180°, 24%, 50%
XYZ	16.3499, 19.2524, 22.9330
YIQ	118.0300, -17.8800, -6.3600

# Conversions

## Conversions Part 2

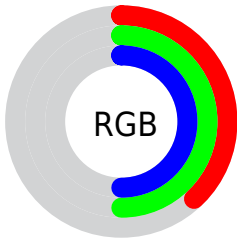
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 112, 127
Decimal	6389631
CIE Lab	50.98, -10.64, -3.51
CIE LCh	51, 11.201, 198.265
Yxy	19.2524, 0.2793, 0.3289
Android (android.graphics.Color)	4284579711 (0xFF617F7F)
YUV	118.0300, 4.4222, -18.4433
Hunter-Lab	43.8776, -10.2722, -0.2741

# Details

The Hex color **617F7F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7F6161**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **94B4B4**, and **314E4E** is the 20% darker color. If you saturate the color by 10%, you get **547F7F**, and if you desaturate by 10%, it is **6E7F7F**.

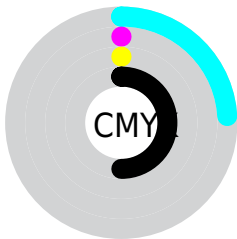
# Distribution



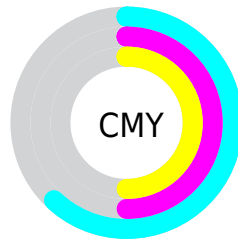
- Red (38%)
- Green (50%)
- Blue (50%)



- Red (38%)
- Yellow (44%)
- Blue (50%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (62%)
- Magenta (50%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 617F7F 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 617F7F by changing the saturation by 10% instead.



■ 617F7F

FFFFFF

■ 94B4B4

■ AFCFCF

■ CBECEB

■ E7FFFF

■ 617F7F

■ 547F7F

■ 487F7F

■ 617F7F

■ 496666

■ 314E4E

■ 1B3737

■ 042222

■ 00070C

■ 000000

■ 617F7F

■ 6E7F7F

■ 7A7F7F

■ 3B7F7F

■ 877F7F

■ 2E7F7F

■ 947F7F

■ 217F7F

■ A17F7F

■ 157F7F

■ AD7F7F

■ 087F7F

■ BA7F7F

■ 007F7F

■ C77F7F

■ D37F7F

# Harmonies

## Analogous

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



667F75



617F7F



627E87

# Triad

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



617F7F



827586



857767

# Complementary

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



617F7F



7F6161

# 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.



8C756C



617F7F



8B737E

# Square

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



617F7F



76788B



8E7374



7B7B67

# Rectangle

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



617F7F



677C8B



8E7374



877668



# Sweetspot

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



617F7F



9AA6A6



617F61



4D5454



D4D4D4



545454



# Same Dimension

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



617F7F



77A6A6



61707F



394040



008080



000000



# Inverse Universe

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



7F617F



A677A6



7F7061



403940



800080



000000



# Previews

## White Background



This preview shows how the Hex color 617F7F looks on a white background.

## Color Contrast Check

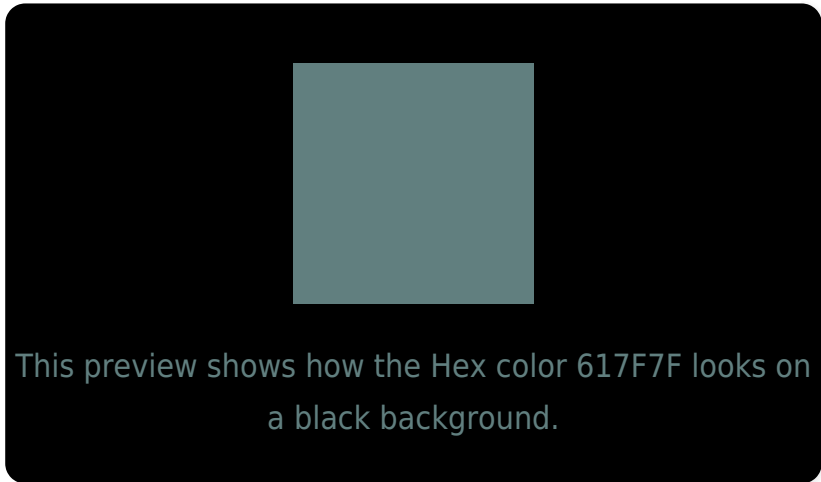
Large Text (above 18pt) WCAG AA ✓ Pass

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

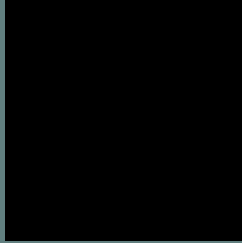
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

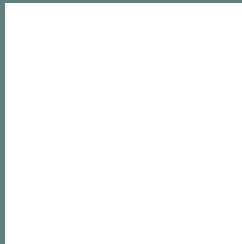
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 617F7F Background



This preview shows how black text looks on a background with the Hex color 617F7F.

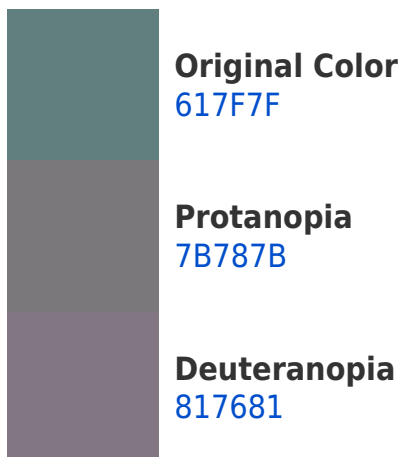


This preview shows how white text looks on a background with the Hex color 617F7F.

# 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](#).

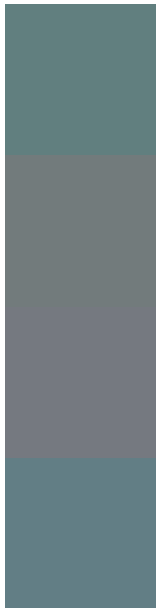
## Dichromacy





**Tritanopia**  
637E88

# Trichromacy



**Original Color**  
617F7F

**Protanomaly**  
727B7C

**Deuteranomaly**  
757980

**Tritanomaly**  
627E85

# Monochromacy



**Original Color**  
617F7F

**Achromatopsia**  
767676

**Achromatomaly**  
6E7979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 617F7F 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 #617F7F looks like.

```
.text, #text, p{  
    color:#617F7F  
}
```

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 #617F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617F7F
}
```

## Border

The CSS property to change the border of an element to Hex 617F7F 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
#617F7F }
```

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

```
.border{ border-color:#617F7F }
```

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

Here you see how a box with a 4 pixel #617F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617F7F; -webkit-box-shadow:4px 4px  
4px 4px #617F7F; box-shadow:4px 4px 4px  
4px #617F7F }
```

# Background

The CSS property to change the background color of an element to Hex 617F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617F7F }
```

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

```
.background{ background-color:#617F7F }
```

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