

# Converting Colors

Hex(696E7F)

Have a look what the booklet for  
Hex(696E7F) contains.

<b>Hex(696E7F)</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(696E7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	696E7F
RGB	105, 110, 127
RGB Percent	41%, 43%, 50%
CMY	0.5882, 0.5686, 0.5020
CMYK	0.17, 0.13, 0.00, 0.50
HSL	226°, 9%, 45%
HSV	226°, 17%, 50%
XYZ	15.2324, 15.6874, 22.3038
YIQ	110.4430, -8.4370, 4.2270

# Conversions

## Conversions Part 2

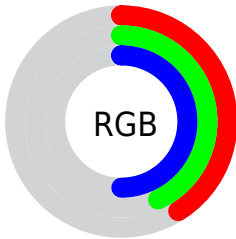
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 109, 127
Decimal	6909567
CIE Lab	46.56, 1.93, -10.03
CIE LCh	47, 10.216, 280.874
Yxy	15.6874, 0.2862, 0.2947
Android (android.graphics.Color)	4285099647 (0xFF696E7F)
YUV	110.4430, 8.1626, -4.7735
Hunter-Lab	39.6074, -0.6644, -5.6624

# Details

The Hex color **696E7F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F7A69**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9CA1B4**, and **3A3F4E** is the 20% darker color. If you saturate the color by 10%, you get **5C647F**, and if you desaturate by 10%, it is **76787F**.

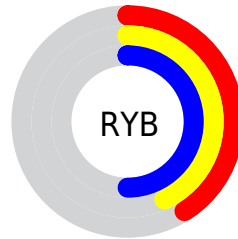
# Distribution



Red (41%)

Green (43%)

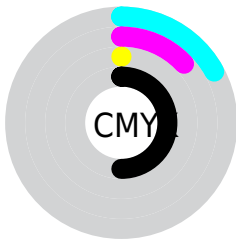
Blue (50%)



Red (41%)

Yellow (43%)

Blue (50%)

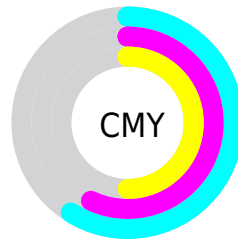


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (50%)



Cyan (59%)

Magenta (57%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 696E7F 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 696E7F by changing the saturation by 10% instead.





696E7F



696E7F

FFFFFF



515666



9CA1B4



3A3F4E



B7BDCF



242937



D3D8EB



0F1422



EFF5FF



00000A



000000



696E7F



696E7F



5C647F



76787F



505A7F



82827F

■ 43517F

■ 8F8B7F

■ 36477F

■ 9C957F

■ 293D7F

■ A99F7F

■ 1D337F

■ B5A97F

■ 10297F

■ C2B37F

■ 031F7F

■ CFBD7F

■ 001D7F

■ DBC67F

# Harmonies

## Analogous

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



5F717E



696E7F



746B7B

# Triad

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



696E7F



806A63



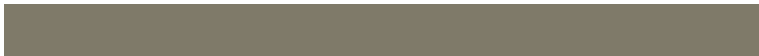
5F7368

# Complementary

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



696E7F



7F7A69

# 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.



687161



696E7F



7A6C5E

# Square

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



696E7F



80686B



726F5E



597371

# Rectangle

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



696E7F



7A6A77



726F5E



627266



# Sweetspot

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



696E7F



9D9FA6



697F7A



4F5054



D4D4D4



545454



# Same Dimension

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



696E7F



838BA6



6F697F



393B40



001D80



000000



# Inverse Universe

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



7F696E



A6838B



797F69



40393B



80001D



000000



# Previews

## White Background



This preview shows how the Hex color 696E7F looks on a white background.

## Color Contrast Check

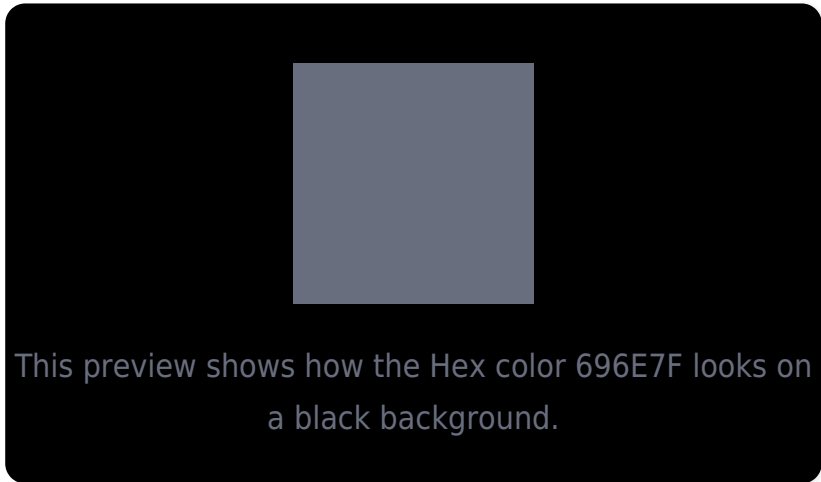
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

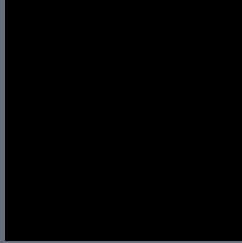
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

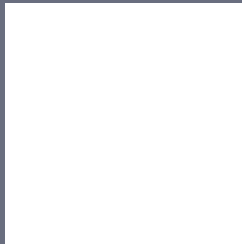
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 696E7F Background



This preview shows how black text looks on a background with the Hex color 696E7F.



This preview shows how white text looks on a background with the Hex color 696E7F.

# 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**  
696E7F

**Protanopia**  
6B6D7F

**Deuteranopia**  
716C80



**Tritanopia**  
686F78

# Trichromacy



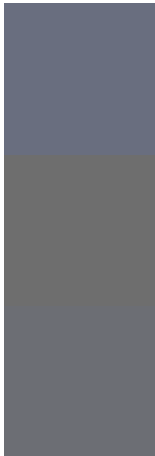
**Original Color**  
696E7F

**Protanomaly**  
6A6D7F

**Deuteranomaly**  
6E6D80

**Tritanomaly**  
686F7B

# Monochromacy



**Original Color**  
696E7F

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6C6E74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 696E7F 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 #696E7F looks like.

```
.text, #text, p{  
    color:#696E7F  
}
```

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 #696E7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696E7F
}
```

## Border

The CSS property to change the border of an element to Hex 696E7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

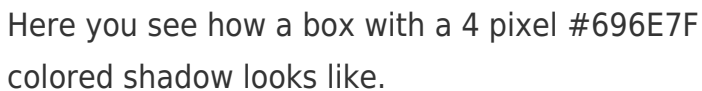
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#696E7F }
```

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

```
.border{ border-color:#696E7F }
```

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



Here you see how a box with a 4 pixel #696E7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696E7F; -webkit-box-shadow:4px 4px  
4px 4px #696E7F; box-shadow:4px 4px 4px  
4px #696E7F }
```

# Background

The CSS property to change the background color of an element to Hex 696E7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696E7F }
```

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

```
.background{ background-color:#696E7F }
```

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