

# Converting Colors

Hex(6F7980)

Have a look what the booklet for  
Hex(6F7980) contains.

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# Color

**Hex(6F7980)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F7980
RGB	111, 121, 128
RGB Percent	44%, 47%, 50%
CMY	0.5647, 0.5255, 0.4980
CMYK	0.13, 0.05, 0.00, 0.50
HSL	205°, 7%, 47%
HSV	205°, 13%, 50%
XYZ	17.2892, 18.6128, 23.1035
YIQ	118.8080, -8.2070, 0.0570

# Conversions

## Conversions Part 2

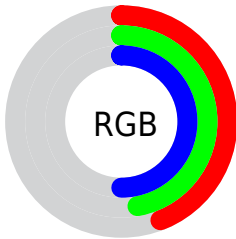
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 117, 128
Decimal	7305600
CIE Lab	50.23, -2.18, -5.10
CIE LCh	50, 5.543, 246.875
Yxy	18.6128, 0.2930, 0.3154
Android (android.graphics.Color)	4285495680 (0xFF6F7980)
YUV	118.8080, 4.5317, -6.8476
Hunter-Lab	43.1425, -3.9662, -1.5509

# Details

The Hex color **6F7980** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **80766F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A3ADB5**, and **3F494F** is the 20% darker color. If you saturate the color by 10%, you get **627480**, and if you desaturate by 10%, it is **7C7E80**.

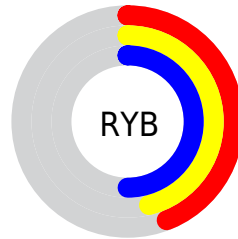
# Distribution



Red (44%)

Green (47%)

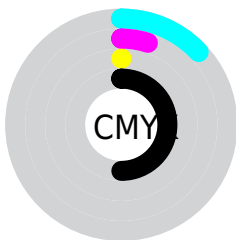
Blue (50%)



Red (44%)

Yellow (46%)

Blue (50%)

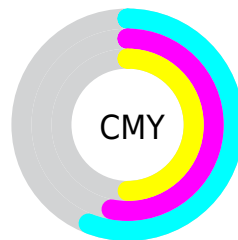


Cyan (13%)

Magenta (5%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (53%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7980 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 6F7980 by changing the saturation by 10% instead.



■ 6F7980

■ 6F7980

FFFFFF

■ 576067

■ A3ADB5

■ 3F494F

■ BEC9D0

■ 293238

■ DAE5ED

■ 141D23

■ F6FFFF

■ 00020D

■ 000000

■ 6F7980

■ 6F7980

■ 627480

■ 7C7E80

■ 556E80

■ 898480

■ 496980

■ 958980

■ 3C6480

■ A28E80

■ 2F5F80

■ AF9380

■ 225980

■ BC9980

■ 155480

■ C99E80

■ 094F80

■ D5A380

■ 004B80

■ E2A880

# Harmonies

## Analogous

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



6C7A7D



6F7980



747881

# Triad

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



6F7980



827477



757970

# Complementary

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



6F7980



80766F

# 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.



7A786E



6F7980



827572

# Square

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



6F7980



7F757B



7F766F



707A74

# Rectangle

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



6F7980



787680



7F766F



77796F



# Sweetspot

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



6F7980



9FA3A6



6F8076



505254



D4D4D4



545454



# Same Dimension

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



6F7980



8B9BA6



6F7180



393D40



004B80



000000



# Inverse Universe

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



806F79



A68B9B



807E6F



40393D



80004B



000000



# Previews

## White Background



This preview shows how the Hex color 6F7980 looks on a white background.

## Color Contrast Check

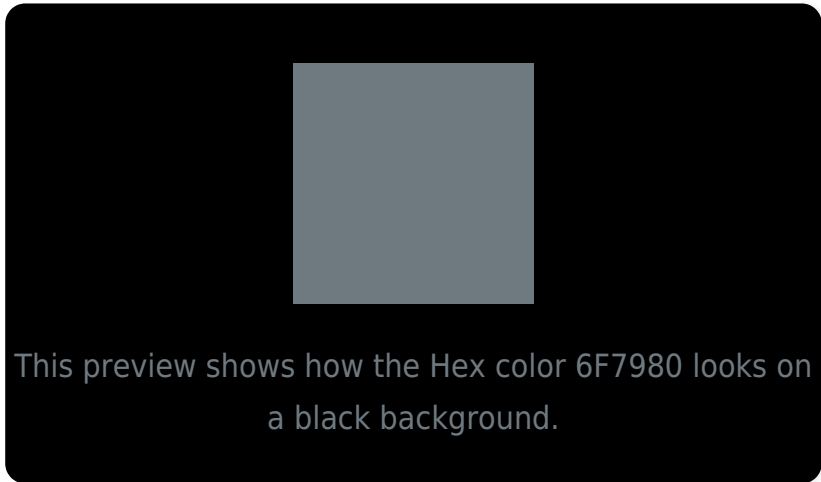
Large Text (above 18pt) WCAG AA ✓ Pass

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

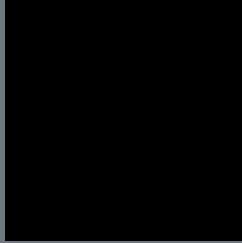
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

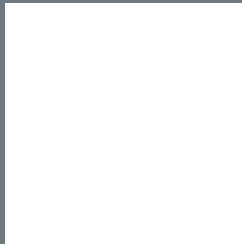
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F7980 Background



This preview shows how black text looks on a background with the Hex color 6F7980.



This preview shows how white text looks on a background with the Hex color 6F7980.

# 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**  
6F7980

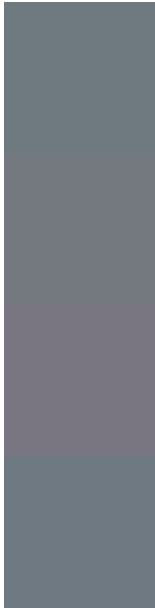
**Protanopia**  
77777F

**Deuteranopia**  
7F7481



**Tritanopia**  
6F7982

# Trichromacy



**Original Color**  
6F7980

**Protanomaly**  
74787F

**Deuteranomaly**  
797681

**Tritanomaly**  
6F7981

# Monochromacy



**Original Color**  
6F7980

**Achromatopsia**  
777777

**Achromatomaly**  
74787A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7980 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 #6F7980 looks like.

```
.text, #text, p{  
    color:#6F7980  
}
```

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 #6F7980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7980
}
```

## Border

The CSS property to change the border of an element to Hex 6F7980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

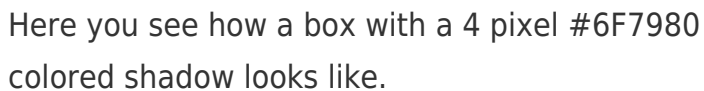
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F7980 }
```

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

```
.border{ border-color:#6F7980 }
```

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



Here you see how a box with a 4 pixel #6F7980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7980; -webkit-box-shadow:4px 4px  
4px 4px #6F7980; box-shadow:4px 4px 4px  
4px #6F7980 }
```

# Background

The CSS property to change the background color of an element to Hex 6F7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7980 }
```

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

```
.background{ background-color:#6F7980 }
```

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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