

# Converting Colors

Hex(6F807A)

Have a look what the booklet for  
Hex(6F807A) contains.

<b>Hex(6F807A)</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(6F807A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F807A
RGB	111, 128, 122
RGB Percent	44%, 50%, 48%
CMY	0.5647, 0.4980, 0.5216
CMYK	0.13, 0.00, 0.05, 0.50
HSL	159°, 7%, 47%
HSV	159°, 13%, 50%
XYZ	17.7876, 20.2230, 21.3783
YIQ	122.2330, -8.2060, -5.4700

# Conversions

## Conversions Part 2

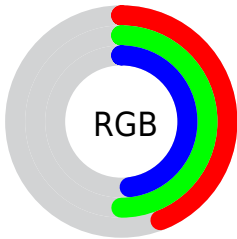
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 121, 128
Decimal	7307386
CIE <sub>Lab</sub>	52.09, -7.49, 1.15
CIE <sub>LCh</sub>	52, 7.575, 171.263
Yxy	20.2230, 0.2995, 0.3405
Android (android.graphics.Color)	4285497466 (0xFF6F807A)
YUV	122.2330, -0.1149, -9.8513
Hunter-Lab	44.9700, -8.0930, 3.2931

# Details

The Hex color **6F807A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806F75**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A3B5AE**, and **3F4F49** is the 20% darker color. If you saturate the color by 10%, you get **628075**, and if you desaturate by 10%, it is **7C807F**.

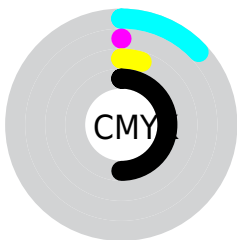
# Distribution



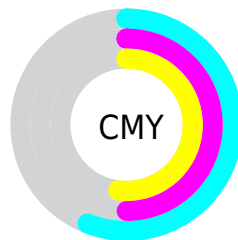
- Red (44%)
- Green (50%)
- Blue (48%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F807A 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 6F807A by changing the saturation by 10% instead.





6F807A



6F807A

FFFFFF



576761



A3B5AE



3F4F49



BED0CA



293833



DAEDE6



14231E



F6FFFF



000D04



000000



6F807A



6F807A



628075



7C807F



558071



898083

 49806C

 958088

 3C8068

 A2808C

 2F8063

 AF8091

 22805F

 BC8095

 15805A

 C9809A

 098056

 D5809E

 008053

 E280A3

# Harmonies

## Analogous

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



757F74



6F807A



6C8081

# Triad

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



6F807A



7B7B88



897972

# Complementary

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



6F807A



806F75

# 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.



8A7878



6F807A



837984

# Square

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



6F807A



737D89



88787E



847B70

# Rectangle

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



6F807A



6D8084



88787E



8A7974



# Sweetspot

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



6F807A



9FA6A3



75806F



505453



D4D4D4



545454



# Same Dimension

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



6F807A



8BA69C



6F7E80



39403E



008053



000000



# Inverse Universe

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



806F75



A68B95



80716F



40393C



80002D



000000



# Previews

## White Background



This preview shows how the Hex color 6F807A looks on a white background.

## Color Contrast Check

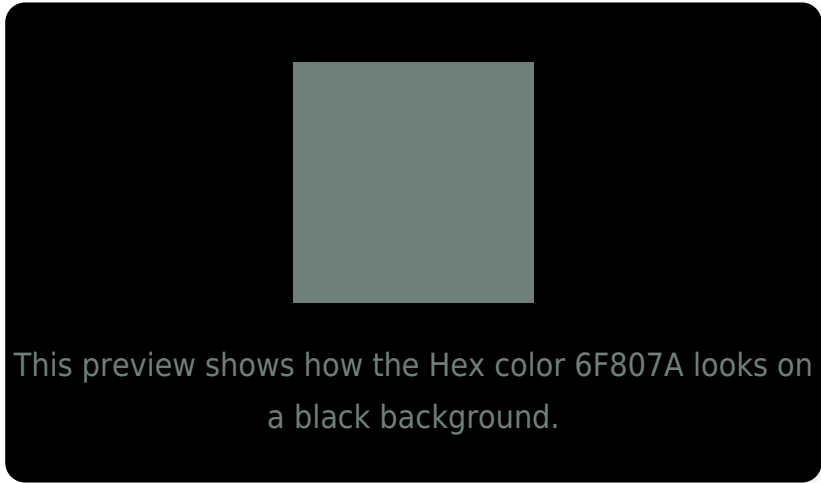
Large Text (above 18pt) WCAG AA ✓ Pass

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

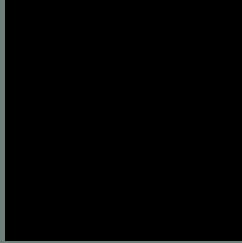
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

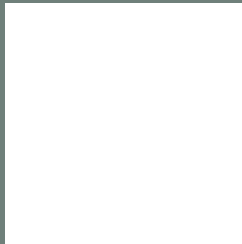
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F807A Background



This preview shows how black text looks on a background with the Hex color 6F807A.

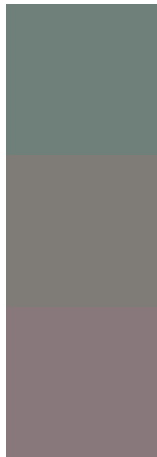


This preview shows how white text looks on a background with the Hex color 6F807A.

# 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**  
6F807A

**Protanopia**  
7F7B77

**Deuteranopia**  
88787C



**Tritanopia**  
717E88

# Trichromacy



**Original Color**  
6F807A

**Protanomaly**  
797D78

**Deuteranomaly**  
7F7B7B

**Tritanomaly**  
707F83

# Monochromacy



**Original Color**  
6F807A

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
767C7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F807A 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 #6F807A looks like.

```
.text, #text, p{  
    color:#6F807A  
}
```

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 #6F807A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F807A
}
```

## Border

The CSS property to change the border of an element to Hex 6F807A 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
#6F807A }
```

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

```
.border{ border-color:#6F807A }
```

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

Here you see how a box with a 4 pixel #6F807A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F807A; -webkit-box-shadow:4px 4px  
4px 4px #6F807A; box-shadow:4px 4px 4px  
4px #6F807A }
```

# Background

The CSS property to change the background color of an element to Hex 6F807A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F807A }
```

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

```
.background{ background-color:#6F807A }
```

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