

Converting Colors

Hex(6F8080)

Have a look what the booklet for
Hex(6F8080) contains.

Hex(6F8080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6F8080)

Conversions

Conversions Part 1

Format	Color
Hex	6F8080
RGB	111, 128, 128
RGB Percent	44%, 50%, 50%
CMY	0.5647, 0.4980, 0.4980
CMYK	0.13, 0.00, 0.00, 0.50
HSL	180°, 7%, 47%
HSV	180°, 13%, 50%
XYZ	18.1710, 20.3764, 23.3974
YIQ	122.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

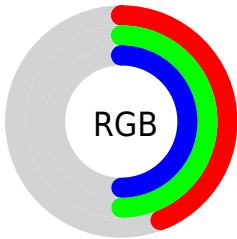
Format	Color
R_{YB}	111, 120, 128
Decimal	7307392
CIE _{Lab}	52.26, -6.19, -2.10
CIE _{LCh}	52, 6.534, 198.779
Yxy	20.3764, 0.2933, 0.3289
Android (android.graphics.Color)	4285497472 (0xFF6F8080)
YUV	122.9170, 2.5059, -10.4512
Hunter-Lab	45.1402, -7.1409, 0.8665

Details

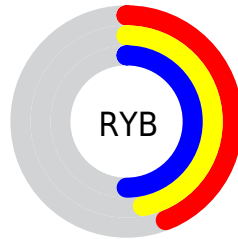
The Hex color **6F8080** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806F6F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A3B5B5**, and **3F4F4F** is the 20% darker color. If you saturate the color by 10%, you get **628080**, and if you desaturate by 10%, it is **7C8080**.

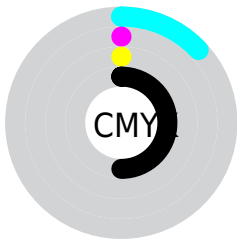
Distribution



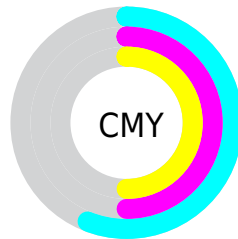
- Red (44%)
- Green (50%)
- Blue (50%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6F8080 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 6F8080 by changing the saturation by 10% instead.

6F8080

6F8080

FFFFFF

566767

A3B5B5

3F4F4F

BED0D0

293838

DAEDED

142323

F6FFFF

00D0D0

000000

6F8080

6F8080

628080

7C8080

558080

898080

498080

958080

3C8080

A28080

2F8080

AF8080

228080

BC8080

158080

C98080

098080

D58080

008080

E28080

Harmonies

Analogous

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



72807A



6F8080



707F85

Triad

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



6F8080



827A84



847C72

Complementary

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



6F8080



806F6F

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.



887A74



6F8080



87797F

Square

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



6F8080



7B7C87



897979



7E7D72

Rectangle

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



6F8080



737E87



897979



857B72

Sweetspot

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



6F8080



9FA6A6



6F806F



505454



D4D4D4



545454

Same Dimension

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



6F8080



8BA6A6



6F7880



394040



008080



000000

Inverse Universe

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



806F80



A68BA6



80786F



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 6F8080 looks on a white background.

Color Contrast Check

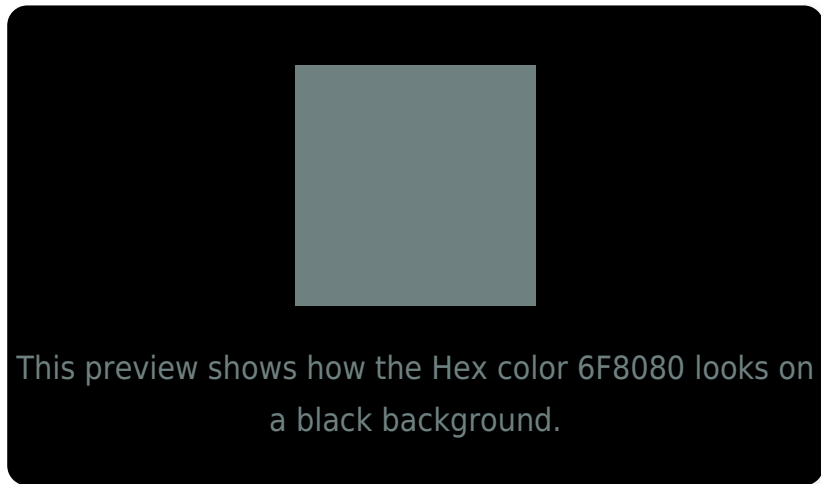
Large Text (above 18pt) WCAG AA ✓ Pass

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

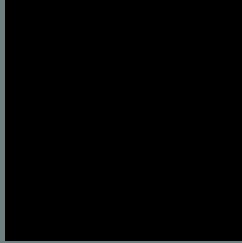
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

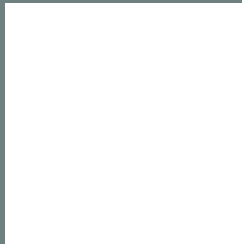
Any Text WCAG AAA × Fail

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

Hex 6F8080 Background



This preview shows how black text looks on a background with the Hex color 6F8080.

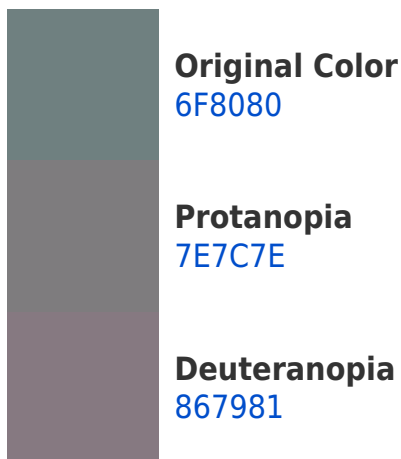


This preview shows how white text looks on a background with the Hex color 6F8080.

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
717F89

Trichromacy



Original Color
6F8080

Protanomaly
797D7F

Deuteranomaly
7E7C81

Tritanomaly
707F86

Monochromacy



Original Color
6F8080

Achromatopsia
7B7B7B

Achromatomaly
777D7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F8080 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 #6F8080 looks like.

```
.text, #text, p{  
    color:#6F8080  
}
```

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 #6F8080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F8080
}
```

Border

The CSS property to change the border of an element to Hex 6F8080 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
#6F8080 }
```

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

```
.border{ border-color:#6F8080 }
```

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

Here you see how a box with a 4 pixel #6F8080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F8080; -webkit-box-shadow:4px 4px  
4px 4px #6F8080; box-shadow:4px 4px 4px  
4px #6F8080 }
```

Background

The CSS property to change the background color of an element to Hex 6F8080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F8080 }
```

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

```
.background{ background-color:#6F8080 }
```

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