

# Converting Colors

Hex(6F8070)

Have a look what the booklet for  
Hex(6F8070) contains.

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# Color

**Hex(6F8070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F8070
RGB	111, 128, 112
RGB Percent	44%, 50%, 44%
CMY	0.5647, 0.4980, 0.5608
CMYK	0.13, 0.00, 0.12, 0.50
HSL	124°, 7%, 47%
HSV	124°, 13%, 50%
XYZ	17.1993, 19.9877, 18.2807
YIQ	121.0930, -4.9960, -8.5800

# Conversions

## Conversions Part 2

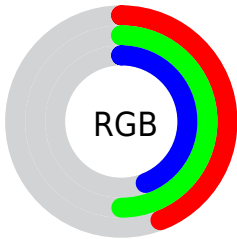
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 127, 128
Decimal	7307376
CIE Lab	51.82, -9.53, 6.60
CIE LCh	52, 11.596, 145.288
Yxy	19.9877, 0.3101, 0.3603
Android (android.graphics.Color)	4285497456 (0xFF6F8070)
YUV	121.0930, -4.4828, -8.8516
Hunter-Lab	44.7076, -9.5680, 7.0519

# Details

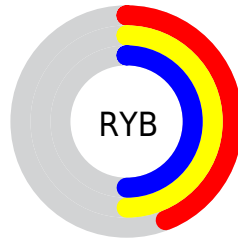
The Hex color **6F8070** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806F7F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A3B5A4**, and **3F4F40** is the 20% darker color. If you saturate the color by 10%, you get **628064**, and if you desaturate by 10%, it is **7C807C**.

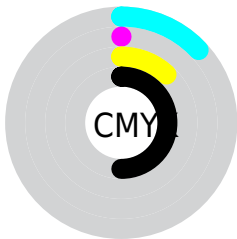
# Distribution



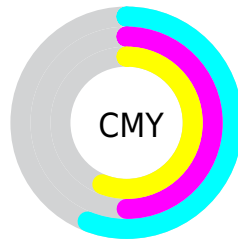
- Red (44%)
- Green (50%)
- Blue (44%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F8070 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 6F8070 by changing the saturation by 10% instead.



6F8070

6F8070

FFFFFF

576758

A3B5A4

3F4F40

BED0BF

29382A

DAEDDB

142216

F6FFF7

000C00

000000

6F8070

6F8070

628064

7C807C

558058

898088

 49804C

 958094

 3C8040

 A280A0

 2F8034

 AF80AC

 228028

 BC80B8

 15801C

 C980C4

 098010

 D580D0

 008008

 E280DC

# Harmonies

## Analogous

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



7A7E6A



6F8070



66817A

# Triad

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



6F8070



6F7D8F



917573

# Complementary

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



6F8070



806F7F

# 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.



8F757D



6F8070



7C7A8D

# Square

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



6F8070



65808B



877787



8D776C

# Rectangle

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



6F8070



628180



877787



917577



# Sweetspot

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



6F8070



9FA6A0



7F806F



505450



D4D4D4



545454



# Same Dimension

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



6F8070



8BA68D



6F8078



39403A



008007



000000



# Inverse Universe

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



806F7F



A68BA4



806F77



40393F



800078



000000



# Previews

## White Background



This preview shows how the Hex color 6F8070 looks on a white background.

## Color Contrast Check

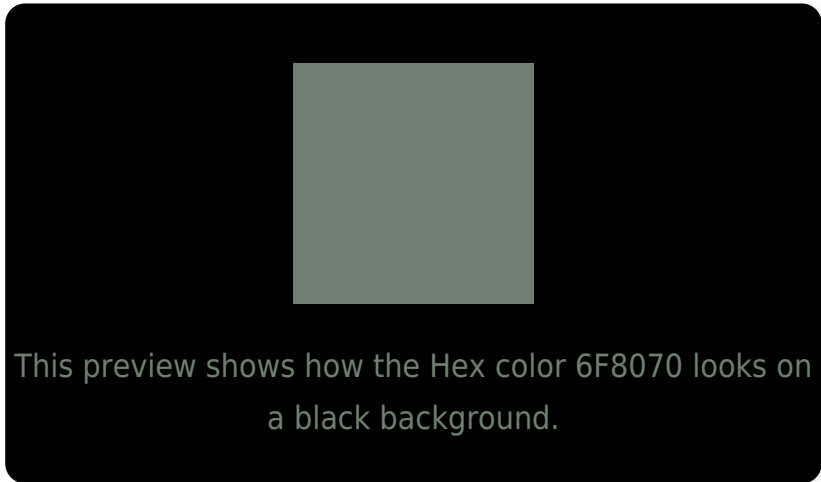
Large Text (above 18pt) WCAG AA ✓ Pass

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

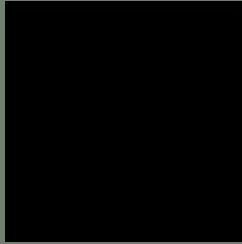
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6F8070 Background



This preview shows how black text looks on a background with the Hex color 6F8070.

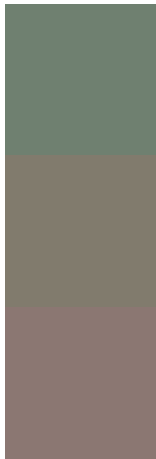


This preview shows how white text looks on a background with the Hex color 6F8070.

# 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](#).

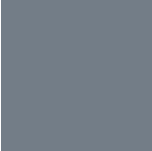
## Dichromacy



**Original Color**  
6F8070

**Protanopia**  
817B6D

**Deuteranopia**  
8B7772



**Tritanopia**  
737D87

# Trichromacy



**Original Color**  
6F8070

**Protanomaly**  
7A7D6E

**Deuteranomaly**  
817A71

**Tritanomaly**  
727E7F

# Monochromacy



**Original Color**  
6F8070

**Achromatopsia**  
797979

**Achromatomaly**  
757C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F8070 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 #6F8070 looks like.

```
.text, #text, p{  
    color:#6F8070  
}
```

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 #6F8070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F8070
}
```

## Border

The CSS property to change the border of an element to Hex 6F8070 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
#6F8070 }
```

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

```
.border{ border-color:#6F8070 }
```

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

Here you see how a box with a 4 pixel #6F8070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F8070; -webkit-box-shadow:4px 4px  
4px 4px #6F8070; box-shadow:4px 4px 4px  
4px #6F8070 }
```

# Background

The CSS property to change the background color of an element to Hex 6F8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F8070 }
```

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

```
.background{ background-color:#6F8070 }
```

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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