

# Converting Colors

Hex(6A807F)

Have a look what the booklet for  
Hex(6A807F) contains.

<b>Hex(6A807F)</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(6A807F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A807F
RGB	106, 128, 127
RGB Percent	42%, 50%, 50%
CMY	0.5843, 0.4980, 0.5020
CMYK	0.17, 0.00, 0.01, 0.50
HSL	177°, 9%, 46%
HSV	177°, 17%, 50%
XYZ	17.4938, 20.0348, 23.0238
YIQ	121.3080, -12.7910, -4.9750

# Conversions

## Conversions Part 2

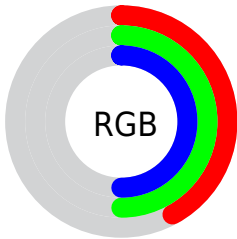
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 117, 128
Decimal	6979711
CIE <sub>Lab</sub>	51.88, -8.16, -2.12
CIE <sub>LCh</sub>	52, 8.429, 194.593
Yxy	20.0348, 0.2889, 0.3309
Android (android.graphics.Color)	4285169791 (0xFF6A807F)
YUV	121.3080, 2.8062, -13.4251
Hunter-Lab	44.7603, -8.5668, 0.8346

# Details

The Hex color **6A807F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806A6B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9EB5B4**, and **3A4F4E** is the 20% darker color. If you saturate the color by 10%, you get **5D807E**, and if you desaturate by 10%, it is **778080**.

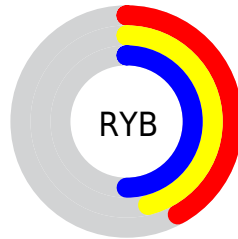
# Distribution



Red (42%)

Green (50%)

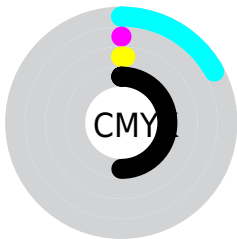
Blue (50%)



Red (42%)

Yellow (46%)

Blue (50%)

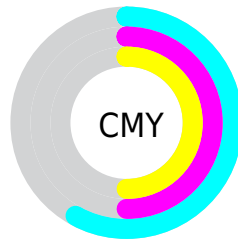


Cyan (17%)

Magenta (0%)

Yellow (1%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A807F 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 6A807F by changing the saturation by 10% instead.



6A807F

6A807F

FFFFFF

526766

9EB5B4

3A4F4E

B9D0CF

243837

D4EDEB

0F2222

F1FFFF

000D0C

000000

6A807F

6A807F

5D807E

778080

50807E

848080

■ 44807D

■ 908081

■ 37807D

■ 9D8081

■ 2A807C

■ AA8082

■ 1D807C

■ B78082

■ 10807B

■ C48083

■ 04807A

■ D08084

■ 00807A

■ DD8084

# Harmonies

## Analogous

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



6E8078



6A807F



6B7F85

# Triad

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



6A807F



817986



857A6E

# Complementary

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



6A807F



806A6B

# 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.



8A7872



6A807F



887780

# Square

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



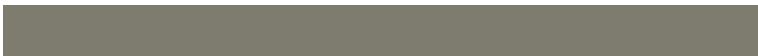
6A807F



797B8A



8B7778



7E7C6E

# Rectangle

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



6A807F



6E7E88



8B7778



87796F



# Sweetspot

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



6A807F



9DA6A5



6B806A



4F5454



D4D4D4



545454



# Same Dimension

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



6A807F



83A6A4



6A7680



39403F



00807A



000000



# Inverse Universe

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



806A6B



A68385



80746A



40393A



800006



000000



# Previews

## White Background



This preview shows how the Hex color 6A807F looks on a white background.

## Color Contrast Check

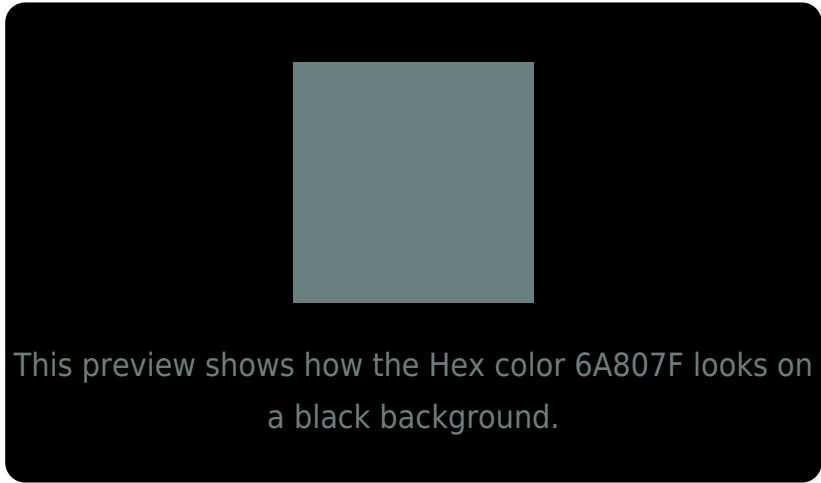
Large Text (above 18pt) WCAG AA ✓ Pass

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

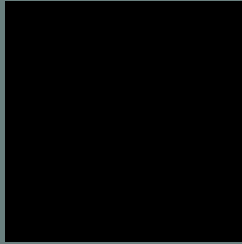
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

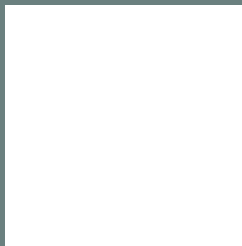
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A807F Background



This preview shows how black text looks on a background with the Hex color 6A807F.

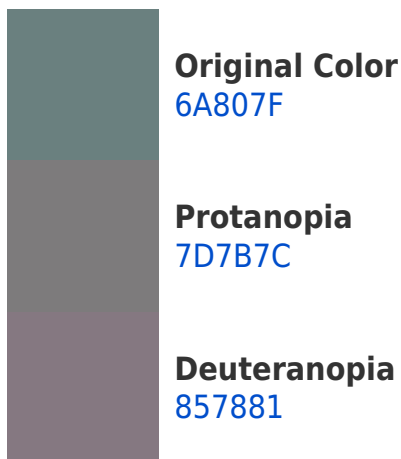


This preview shows how white text looks on a background with the Hex color 6A807F.

# 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**  
6C7F89

# Trichromacy



**Original Color**  
6A807F

**Protanomaly**  
767D7D

**Deuteranomaly**  
7B7B80

**Tritanomaly**  
6B7F85

# Monochromacy



**Original Color**  
6A807F

**Achromatopsia**  
797979

**Achromatomaly**  
747C7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A807F 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 #6A807F looks like.

```
.text, #text, p{  
    color:#6A807F  
}
```

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 #6A807F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A807F
}
```

## Border

The CSS property to change the border of an element to Hex 6A807F 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
#6A807F }
```

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

```
.border{ border-color:#6A807F }
```

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

Here you see how a box with a 4 pixel #6A807F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A807F; -webkit-box-shadow:4px 4px  
4px 4px #6A807F; box-shadow:4px 4px 4px  
4px #6A807F }
```

# Background

The CSS property to change the background color of an element to Hex 6A807F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A807F }
```

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

```
.background{ background-color:#6A807F }
```

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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