

# Converting Colors

Hex(6F869F)

Have a look what the booklet for  
Hex(6F869F) contains.

<b>Hex(6F869F)</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(6F869F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F869F
RGB	111, 134, 159
RGB Percent	44%, 53%, 62%
CMY	0.5647, 0.4745, 0.3765
CMYK	0.30, 0.16, 0.00, 0.38
HSL	211°, 20%, 53%
HSV	211°, 30%, 62%
XYZ	21.3387, 22.9329, 36.1027
YIQ	129.9730, -21.7330, 2.8990

# Conversions

## Conversions Part 2

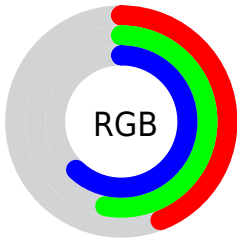
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 127, 159
Decimal	7308959
CIE <sub>Lab</sub>	55.00, -2.16, -16.01
CIE <sub>LCh</sub>	55, 16.154, 262.314
Yxy	22.9329, 0.2655, 0.2853
Android (android.graphics.Color)	4285499039 (0xFF6F869F)
YUV	129.9730, 14.3103, -16.6393
Hunter-Lab	47.8883, -4.2664, -11.1766

# Details

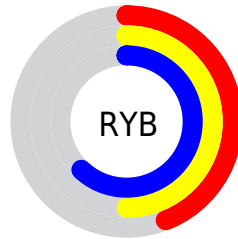
The Hex color **6F869F** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9F886F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A4BBD6**, and **3D556C** is the 20% darker color. If you saturate the color by 10%, you get **5F7E9F**, and if you desaturate by 10%, it is **7F8E9F**.

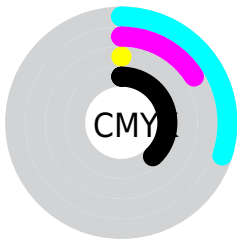
# Distribution



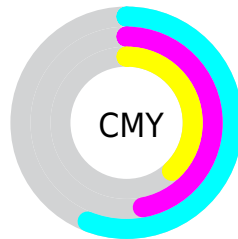
- Red (44%)
- Green (53%)
- Blue (62%)



- Red (44%)
- Yellow (50%)
- Blue (62%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)
- Black (38%)



- Cyan (56%)
- Magenta (47%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F869F 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 6F869F by changing the saturation by 10% instead.





6F869F



6F869F

FFFFFF



566D85



A4BBD6



3D556C



BFD7F2



263D53



DBF3FF



0D283C



F8FFFF



001326



000111



000000



6F869F



6F869F



5F7E9F



7F8E9F

■ 4F759F

■ 8F979F

■ 3F6D9F

■ 9F9F9F

■ 2F659F

■ AFA79F

■ 1F5D9F

■ BFAF9F

■ 10549F

■ CEB89F

■ 004C9F

■ DEC09F

■ EEC89F

■ FED19F

# Harmonies

## Analogous

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



618A99



6F869F



81819D

# Triad

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



6F869F



A17A7A



738A72

# Complementary

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



6F869F



9F886F

# 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.



83866A



6F869F



9D7D6E

# Square

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



6F869F



9D7A88



928168



658C7F

# Rectangle

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



6F869F



8D7E98



928168



79896F



# Sweetspot

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



6F869F



BCC5CF



6F9F88



5D6369



E8E8E8



696969



# Same Dimension

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



6F869F



84A8CF



706F9F



474B4F



00448F



00070F



# Inverse Universe

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



9F6F86



CF84A8



9E9F6F



4F474B



8F0044

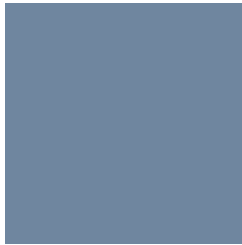


0F0007



# Previews

## White Background



This preview shows how the Hex color 6F869F looks on a white background.

## Color Contrast Check

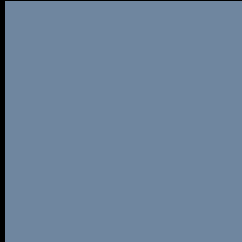
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6F869F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

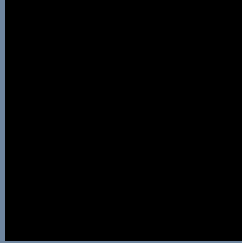
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

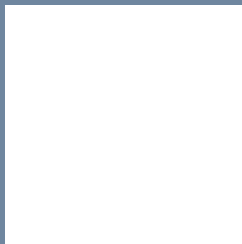
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F869F Background



This preview shows how black text looks on a background with the Hex color 6F869F.



This preview shows how white text looks on a background with the Hex color 6F869F.

# 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**  
6F869F

**Protanopia**  
7E829C

**Deuteranopia**  
8281A0



**Tritanopia**  
6C8893

# Trichromacy



**Original Color**  
6F869F

**Protanomaly**  
79839D

**Deuteranomaly**  
7B83A0

**Tritanomaly**  
6D8797

# Monochromacy



**Original Color**  
6F869F

**Achromatopsia**  
828282

**Achromatomaly**  
7B838D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F869F 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 #6F869F looks like.

```
.text, #text, p{  
    color:#6F869F  
}
```

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 #6F869F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F869F
}
```

## Border

The CSS property to change the border of an element to Hex 6F869F 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
#6F869F }
```

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

```
.border{ border-color:#6F869F }
```

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

Here you see how a box with a 4 pixel #6F869F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F869F; -webkit-box-shadow:4px 4px  
4px 4px #6F869F; box-shadow:4px 4px 4px  
4px #6F869F }
```

# Background

The CSS property to change the background color of an element to Hex 6F869F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F869F }
```

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

```
.background{ background-color:#6F869F }
```

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