

# Converting Colors

Hex(6F7B9B)

Have a look what the booklet for  
Hex(6F7B9B) contains.

<b>Hex(6F7B9B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6F7B9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F7B9B
RGB	111, 123, 155
RGB Percent	44%, 48%, 61%
CMY	0.5647, 0.5176, 0.3922
CMYK	0.28, 0.21, 0.00, 0.39
HSL	224°, 18%, 52%
HSV	224°, 28%, 61%
XYZ	19.5549, 19.9120, 33.8231
YIQ	123.0600, -17.4240, 7.4080

# Conversions

## Conversions Part 2

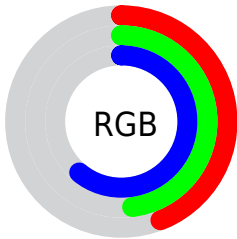
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 120, 155
Decimal	7306139
CIE <sub>Lab</sub>	51.74, 3.20, -18.66
CIE <sub>LCh</sub>	52, 18.934, 279.731
Yxy	19.9120, 0.2668, 0.2717
Android (android.graphics.Color)	4285496219 (0xFF6F7B9B)
YUV	123.0600, 15.7464, -10.5766
Hunter-Lab	44.6228, 0.1334, -13.7045

# Details

The Hex color **6F7B9B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B8F6F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A3AFD2**, and **3E4A68** is the 20% darker color. If you saturate the color by 10%, you get **60709B**, and if you desaturate by 10%, it is **7E869B**.

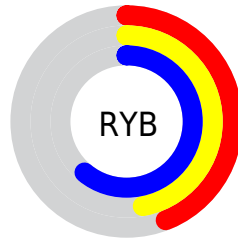
# Distribution



Red (44%)

Green (48%)

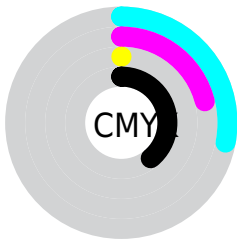
Blue (61%)



Red (44%)

Yellow (47%)

Blue (61%)

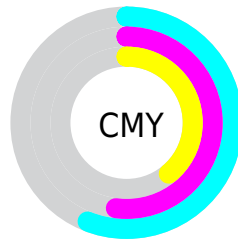


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (39%)



Cyan (56%)

Magenta (52%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7B9B 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 6F7B9B by changing the saturation by 10% instead.



■ 6F7B9B

■ 6F7B9B

FFFFFF

■ 566281

■ A3AFD2

■ 3E4A68

■ BFCBEE

■ 263450

■ DBE7FF

■ 0F1F39

■ F8FFFF

■ 000623

■ 00000B

■ 000000

■ 6F7B9B

■ 6F7B9B

■ 60709B

■ 7E869B

50649B

8E929B

41599B

9D9D9B

314E9B

ADA89B

22439B

BDB39B

12379B

CCBF9B

032C9B

DCCA9B

002A9B

EBD59B

FBE09B

# Harmonies

## Analogous

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



5A8099



6F7B9B



857594

# Triad

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



6F7B9B



9B7267



5E8470

# Complementary

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



6F7B9B



9B8F6F

# 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.



708162



6F7B9B



91775D

# Square

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



6F7B9B



9C7077



827C5B



508580

# Rectangle

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



6F7B9B



90728C



827C5B



64836B

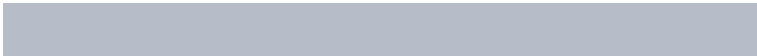


# Sweetspot

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



6F7B9B



B7BCC9



6F9B8F



5B5E66



E6E6E6



666666



# Same Dimension

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



6F7B9B



8598C9



796F9B



45474D



00268C



00030D



# Inverse Universe

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



9B6F7B



C98598



919B6F



4D4547



8C0026

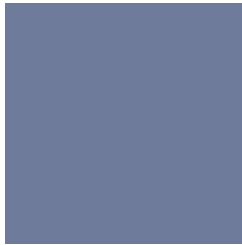


0D0003



# Previews

## White Background



This preview shows how the Hex color 6F7B9B looks on a white background.

## Color Contrast Check

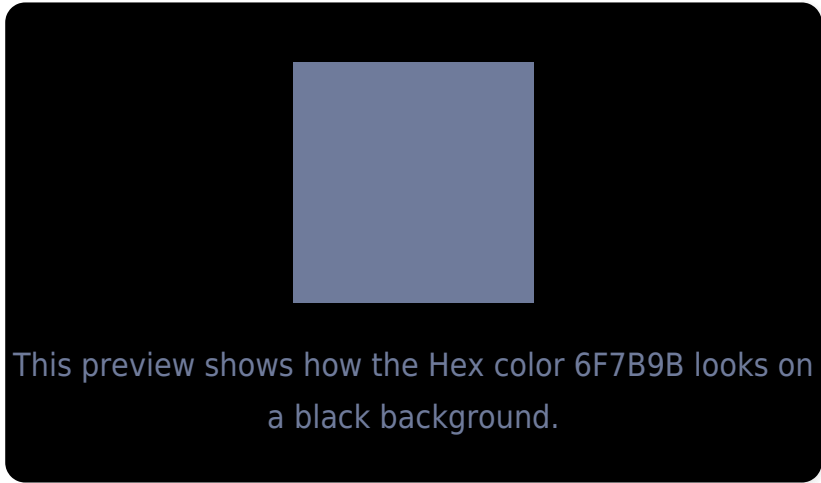
Large Text (above 18pt) WCAG AA ✓ Pass

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

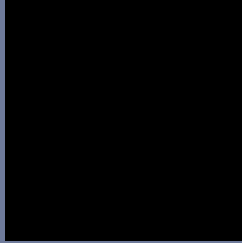
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

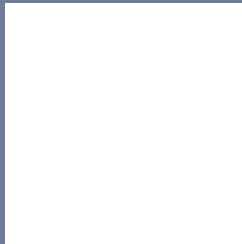
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F7B9B Background



This preview shows how black text looks on a background with the Hex color 6F7B9B.

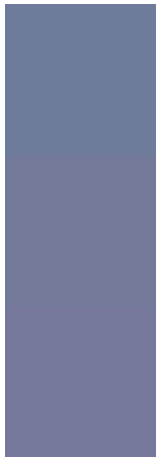


This preview shows how white text looks on a background with the Hex color 6F7B9B.

# 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**  
6F7B9B

**Protanopia**  
737A9A

**Deuteranopia**  
76799B



**Tritanopia**  
6B7E88

# Trichromacy



**Original Color**  
6F7B9B

**Protanomaly**  
727A9A

**Deuteranomaly**  
737A9B

**Tritanomaly**  
6C7D8F

# Monochromacy



**Original Color**  
6F7B9B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
777B87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7B9B 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 #6F7B9B looks like.

```
.text, #text, p{  
    color:#6F7B9B  
}
```

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 #6F7B9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7B9B
}
```

## Border

The CSS property to change the border of an element to Hex 6F7B9B 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
#6F7B9B }
```

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

```
.border{ border-color:#6F7B9B }
```

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

Here you see how a box with a 4 pixel #6F7B9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7B9B; -webkit-box-shadow:4px 4px  
4px 4px #6F7B9B; box-shadow:4px 4px 4px  
4px #6F7B9B }
```

# Background

The CSS property to change the background color of an element to Hex 6F7B9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7B9B }
```

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

```
.background{ background-color:#6F7B9B }
```

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