

# Converting Colors

Hex(5F7B99)

Have a look what the booklet for  
Hex(5F7B99) contains.

<b>Hex(5F7B99)</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(5F7B99)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F7B99
RGB	95, 123, 153
RGB Percent	37%, 48%, 60%
CMY	0.6275, 0.5176, 0.4000
CMYK	0.38, 0.20, 0.00, 0.40
HSL	211°, 23%, 49%
HSV	211°, 38%, 60%
XYZ	17.5520, 18.8987, 32.8597
YIQ	118.0480, -26.3180, 3.3940

# Conversions

## Conversions Part 2

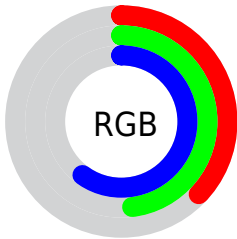
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 114, 153
Decimal	6257561
CIE <sub>Lab</sub>	50.57, -2.20, -19.38
CIE <sub>LCh</sub>	51, 19.504, 263.514
Yxy	18.8987, 0.2532, 0.2727
Android (android.graphics.Color)	4284447641 (0xFF5F7B99)
YUV	118.0480, 17.2313, -20.2131
Hunter-Lab	43.4727, -4.0080, -14.3847

# Details

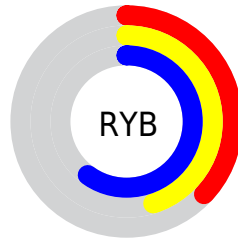
The Hex color **5F7B99** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **997D5F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **93AFCF**, and **2D4A66** is the 20% darker color. If you saturate the color by 10%, you get **507399**, and if you desaturate by 10%, it is **6E8399**.

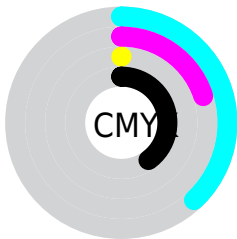
# Distribution



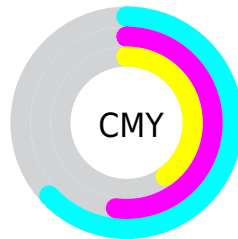
- Red (37%)
- Green (48%)
- Blue (60%)



- Red (37%)
- Yellow (45%)
- Blue (60%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (52%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F7B99 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 5F7B99 by changing the saturation by 10% instead.



■ 5F7B99

■ 5F7B99

FFFFFF

■ 46627F

■ 93AFCF

■ 2D4A66

■ AFCBEC

■ 13344E

■ CAE7FF

■ 001F37

■ E7FFFF

■ 000622

■ 000008

■ 000000

■ 5F7B99

■ 5F7B99

■ 507399

■ 6E8399

■ 406B99

■ 7E8B99

■ 316399

■ 8D9399

■ 225B99

■ 9C9B99

■ 125399

■ ABA399

■ 034C99

■ BBAA99

■ 004A99

■ CAB299

■ D9BA99

■ E9C299

# Harmonies

## Analogous

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



4C7F93



5F7B99



767597

# Triad

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



5F7B99



9A6D6C



647F64

# Complementary

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



5F7B99



997D5F

# 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.



777B5A



5F7B99



95715E

# Square

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



5F7B99



976D7D



887658



528274

# Rectangle

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



5F7B99



847291



887658



6A7E60



# Sweetspot

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



5F7B99



B1BCC7



5F997D



575D63



E3E3E3



636363



# Same Dimension

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



5F7B99



6D99C7



605F99



45494D



00448C



00060D



# Inverse Universe

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



995F7B



C76D99



98995F



4D4549



8C0044



0D0006



# Previews

## White Background



This preview shows how the Hex color 5F7B99 looks on a white background.

## Color Contrast Check

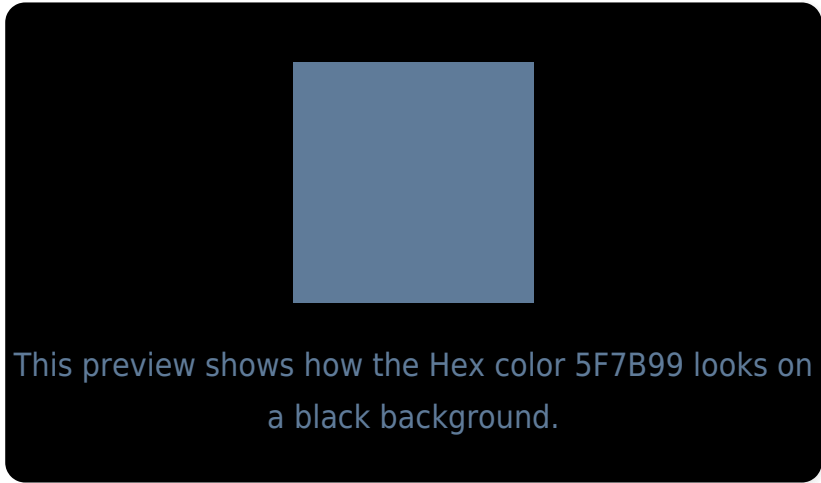
Large Text (above 18pt) WCAG AA ✓ Pass

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

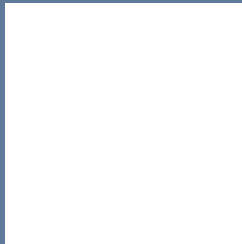
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F7B99 Background



This preview shows how black text looks on a background with the Hex color 5F7B99.

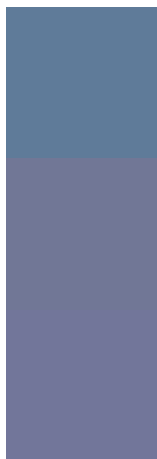


This preview shows how white text looks on a background with the Hex color 5F7B99.

# 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**  
5F7B99

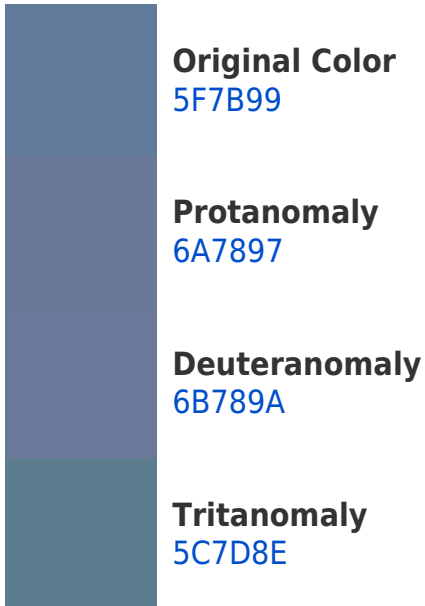
**Protanopia**  
717796

**Deuteranopia**  
72769A



**Tritanopia**  
5B7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F7B99 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 #5F7B99 looks like.

```
.text, #text, p{  
    color:#5F7B99  
}
```

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 #5F7B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7B99
}
```

## Border

The CSS property to change the border of an element to Hex 5F7B99 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
#5F7B99 }
```

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

```
.border{ border-color:#5F7B99 }
```

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

Here you see how a box with a 4 pixel #5F7B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7B99; -webkit-box-shadow:4px 4px  
4px 4px #5F7B99; box-shadow:4px 4px 4px  
4px #5F7B99 }
```

# Background

The CSS property to change the background color of an element to Hex 5F7B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7B99 }
```

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

```
.background{ background-color:#5F7B99 }
```

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