

# Converting Colors

Hex(5E7B99)

Have a look what the booklet for  
Hex(5E7B99) contains.

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# Color

Hex(5E7B99)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E7B99
RGB	94, 123, 153
RGB Percent	37%, 48%, 60%
CMY	0.6314, 0.5176, 0.4000
CMYK	0.39, 0.20, 0.00, 0.40
HSL	211°, 24%, 48%
HSV	211°, 39%, 60%
XYZ	17.4488, 18.8455, 32.8549
YIQ	117.7490, -26.9140, 3.1820

# Conversions

## Conversions Part 2

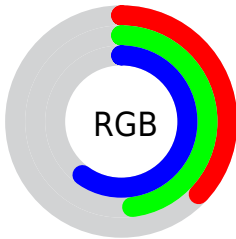
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 113, 153
Decimal	6192025
CIE Lab	50.51, -2.49, -19.48
CIE LCh	51, 19.639, 262.707
Yxy	18.8455, 0.2523, 0.2725
Android (android.graphics.Color)	4284382105 (0xFF5E7B99)
YUV	117.7490, 17.3787, -20.8279
Hunter-Lab	43.4114, -4.2235, -14.4842

# Details

The Hex color **5E7B99** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **997C5E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **92AFCF**, and **2C4A66** is the 20% darker color. If you saturate the color by 10%, you get **4F7399**, and if you desaturate by 10%, it is **6D8399**.

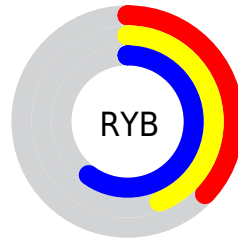
# Distribution



Red (37%)

Green (48%)

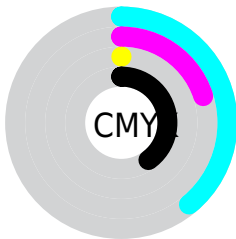
Blue (60%)



Red (37%)

Yellow (44%)

Blue (60%)

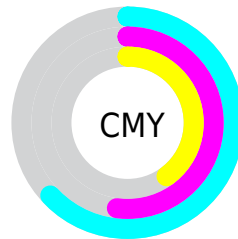


Cyan (39%)

Magenta (20%)

Yellow (0%)

Black (40%)



Cyan (63%)

Magenta (52%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E7B99 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 5E7B99 by changing the saturation by 10% instead.



■ 5E7B99

■ 5E7B99

FFFFFF

■ 45627F

■ 92AFCF

■ 2C4A66

■ AECBEC

■ 11344E

■ C9E7FF

■ 001F37

■ E6FFFF

■ 000622

■ 000008

■ 000000

■ 5E7B99

■ 5E7B99

■ 4F7399

■ 6D8399

■ 3F6B99

■ 7D8B99

■ 306499

■ 8C9299

■ 215C99

■ 9B9A99

■ 125499

■ ABA299

■ 024C99

■ BAAA99

■ 004B99

■ C9B199

■ D8B999

■ E8C199

# Harmonies

## Analogous

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



4C7F92



5E7B99



757597

# Triad

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



5E7B99



9A6D6C



647F64

# Complementary

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



5E7B99



997C5E

# 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.



777B59



5E7B99



95705E

# Square

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



5E7B99



976C7D



887657



528173

# Rectangle

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



5E7B99



847291



887657



6A7E5F



# Sweetspot

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



5E7B99



AFBBC7



5E997C



565C63



E3E3E3



636363



# Same Dimension

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



5E7B99



6B98C7



5E5E99



45494D



00458C



00060D



# Inverse Universe

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



995E7B



C76B98



99995E



4D4549



8C0045

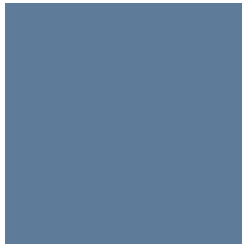


0D0006



# Previews

## White Background



This preview shows how the Hex color 5E7B99 looks on a white background.

## Color Contrast Check

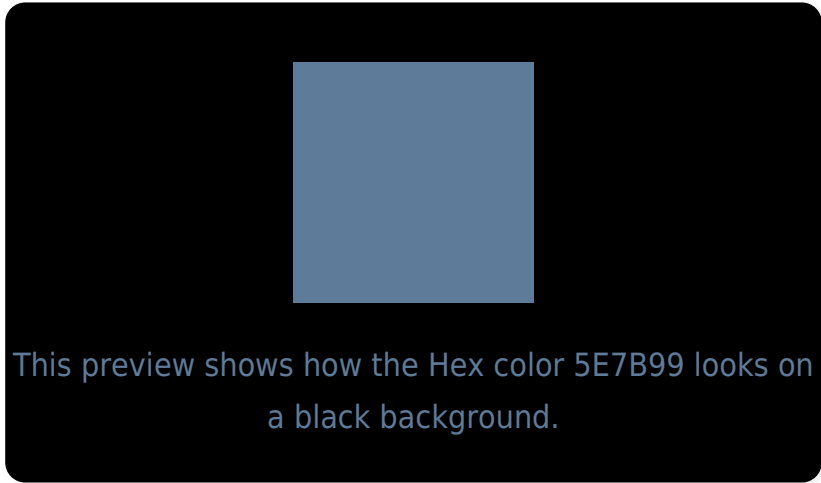
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E7B99 Background



This preview shows how black text looks on a background with the Hex color 5E7B99.

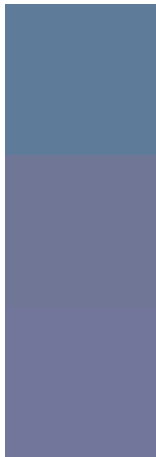


This preview shows how white text looks on a background with the Hex color 5E7B99.

# 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**  
5E7B99

**Protanopia**  
707796

**Deuteranopia**  
71769A



**Tritanopia**  
5A7E88

# Trichromacy



**Original Color**  
5E7B99

**Protanomaly**  
697897

**Deuteranomaly**  
6A789A

**Tritanomaly**  
5B7D8E

# Monochromacy



**Original Color**  
5E7B99

**Achromatopsia**  
767676

**Achromatomaly**  
6D7883

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E7B99 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 #5E7B99 looks like.

```
.text, #text, p{  
    color:#5E7B99  
}
```

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 #5E7B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7B99
}
```

## Border

The CSS property to change the border of an element to Hex 5E7B99 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
#5E7B99 }
```

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

```
.border{ border-color:#5E7B99 }
```

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

Here you see how a box with a 4 pixel #5E7B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7B99; -webkit-box-shadow:4px 4px  
4px 4px #5E7B99; box-shadow:4px 4px 4px  
4px #5E7B99 }
```

# Background

The CSS property to change the background color of an element to Hex 5E7B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7B99 }
```

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

```
.background{ background-color:#5E7B99 }
```

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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