

# Converting Colors

Hex(5C6E99)

Have a look what the booklet for  
Hex(5C6E99) contains.

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# Color

**Hex(5C6E99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C6E99
RGB	92, 110, 153
RGB Percent	36%, 43%, 60%
CMY	0.6392, 0.5686, 0.4000
CMYK	0.40, 0.28, 0.00, 0.40
HSL	222°, 25%, 48%
HSV	222°, 40%, 60%
XYZ	15.7393, 15.7271, 32.3431
YIQ	109.5200, -24.5310, 9.5570

# Conversions

## Conversions Part 2

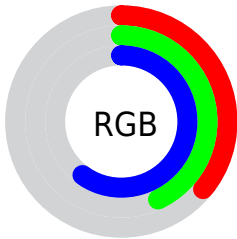
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 106, 153
Decimal	6057625
CIE <sub>Lab</sub>	46.61, 4.68, -25.49
CIE <sub>LCh</sub>	47, 25.916, 280.404
Yxy	15.7271, 0.2467, 0.2465
Android (android.graphics.Color)	4284247705 (0xFF5C6E99)
YUV	109.5200, 21.4356, -15.3650
Hunter-Lab	39.6574, 1.4432, -20.5945

# Details

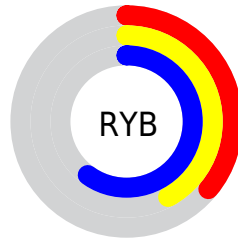
The Hex color **5C6E99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99875C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **90A1D0**, and **2A3F66** is the 20% darker color. If you saturate the color by 10%, you get **4D6399**, and if you desaturate by 10%, it is **6B7999**.

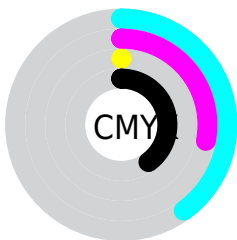
# Distribution



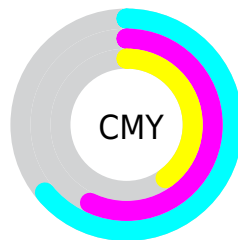
- Red (36%)
- Green (43%)
- Blue (60%)



- Red (36%)
- Yellow (42%)
- Blue (60%)



- Cyan (40%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (57%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C6E99 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 5C6E99 by changing the saturation by 10% instead.



■ 5C6E99

■ 5C6E99

FFFFFF

■ 43567F

■ 90A1D0

■ 2A3F66

■ ACBCEC

■ 0E294E

■ C7D8FF

■ 001536

■ E4F5FF

■ 000221

■ 000006

■ 000000

■ 5C6E99

■ 5C6E99

■ 4D6399

■ 6B7999

■ 3D5899

■ 7B8499

■ 2E4E99

■ 8A8E99

■ 1F4399

■ 999999

■ 0F3899

■ A9A499

■ 002D99

■ B8AF99

■ C7B999

■ D6C499

■ E6CF99

# Harmonies

## Analogous

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



387597



5C6E99



7B6690

# Triad

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



5C6E99



966153



43795F

# Complementary

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



5C6E99



99875C

# 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.



5E754D



5C6E99



896846

# Square

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



5C6E99



995E68



767043



287A76

# Rectangle

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



5C6E99



8A6184



767043



4C7858



# Sweetspot

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



5C6E99



AFB6C7



5C9987



565A63



E3E3E3



636363



# Same Dimension

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



5C6E99



6784C7



685C99



45474D



00298C



00040D



# Inverse Universe

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



995C6E



C76784



8D995C



4D4547



8C0029

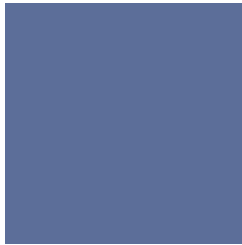


0D0004



# Previews

## White Background



This preview shows how the Hex color 5C6E99 looks on a white background.

## Color Contrast Check

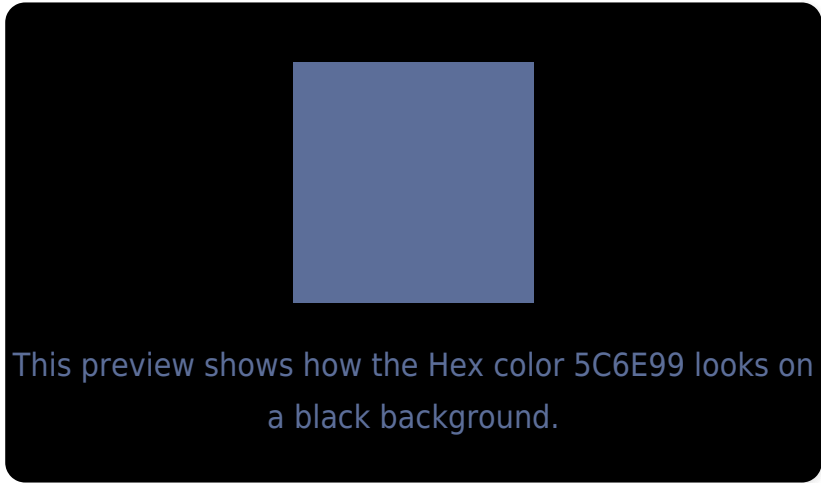
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

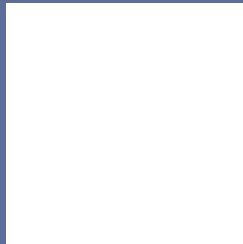
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C6E99 Background



This preview shows how black text looks on a background with the Hex color 5C6E99.

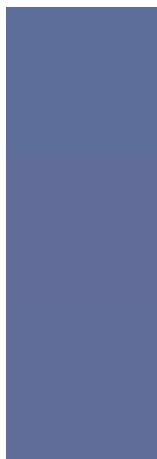


This preview shows how white text looks on a background with the Hex color 5C6E99.

# 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**

5C6E99

**Protanopia**

616D98

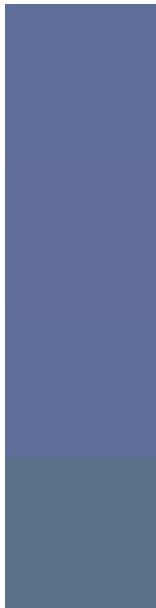
**Deuteranopia**

606D99



**Tritanopia**  
55737D

# Trichromacy



**Original Color**  
5C6E99

**Protanomaly**  
5F6D98

**Deuteranomaly**  
5F6D99

**Tritanomaly**  
587187

# Monochromacy



**Original Color**  
5C6E99

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
676E7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C6E99 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 #5C6E99 looks like.

```
.text, #text, p{  
    color:#5C6E99  
}
```

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 #5C6E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6E99
}
```

## Border

The CSS property to change the border of an element to Hex 5C6E99 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
#5C6E99 }
```

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

```
.border{ border-color:#5C6E99 }
```

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

Here you see how a box with a 4 pixel #5C6E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6E99; -webkit-box-shadow:4px 4px  
4px 4px #5C6E99; box-shadow:4px 4px 4px  
4px #5C6E99 }
```

# Background

The CSS property to change the background color of an element to Hex 5C6E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6E99 }
```

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

```
.background{ background-color:#5C6E99 }
```

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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