

# Converting Colors

Hex(5A6D99)

Have a look what the booklet for  
Hex(5A6D99) contains.

<b>Hex(5A6D99)</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(5A6D99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A6D99
RGB	90, 109, 153
RGB Percent	35%, 43%, 60%
CMY	0.6471, 0.5725, 0.4000
CMYK	0.41, 0.29, 0.00, 0.40
HSL	222°, 26%, 48%
HSV	222°, 41%, 60%
XYZ	15.4349, 15.4108, 32.2981
YIQ	108.3350, -25.4480, 9.6560

# Conversions

## Conversions Part 2

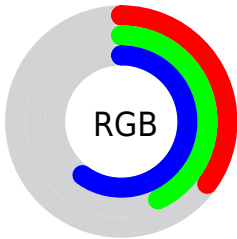
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 105, 153
Decimal	5926297
CIE <sub>Lab</sub>	46.19, 4.72, -26.16
CIE <sub>LCh</sub>	46, 26.579, 280.228
Yxy	15.4108, 0.2444, 0.2441
Android (android.graphics.Color)	4284116377 (0xFF5A6D99)
YUV	108.3350, 22.0198, -16.0798
Hunter-Lab	39.2566, 1.4832, -21.3007

# Details

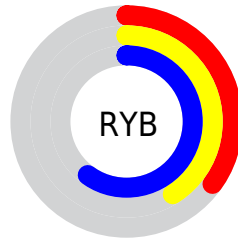
The Hex color **5A6D99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99865A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8EA0D0**, and **273E66** is the 20% darker color. If you saturate the color by 10%, you get **4B6299**, and if you desaturate by 10%, it is **697899**.

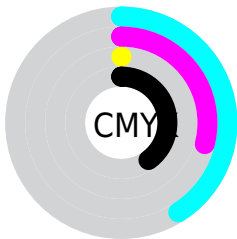
# Distribution



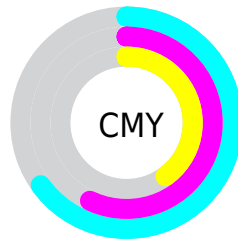
- Red (35%)
- Green (43%)
- Blue (60%)



- Red (35%)
- Yellow (41%)
- Blue (60%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (40%)



- Cyan (65%)
- Magenta (57%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A6D99 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 5A6D99 by changing the saturation by 10% instead.



■ 5A6D99

■ 5A6D99

FFFFFF

■ 41557F

■ 8EA0D0

■ 273E66

■ AABBECC

■ 0A284E

■ C5D7FF

■ 001436

■ E2F3FF

■ 000221

■ 000006

■ 000000

■ 5A6D99

■ 5A6D99

■ 4B6299

■ 697899

■ 3B5899

■ 798299

■ 2C4D99

■ 888D99

■ 1D4299

■ 979899

■ 0E3899

■ A7A299

■ 002E99

■ B6AD99

■ C5B899

■ D4C299

■ E4CD99

# Harmonies

## Analogous

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



347497



5A6D99



7A658F

# Triad

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



5A6D99



966052



41785E

# Complementary

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



5A6D99



99865A

# 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.



5C754B



5A6D99



896744

# Square

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



5A6D99



995C67



756F41



237975

# Rectangle

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



5A6D99



8A6084



756F41



4A7757



# Sweetspot

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



5A6D99



AFB6C7



5A9985



565A63



E3E3E3



636363



# Same Dimension

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



5A6D99



6583C7



665A99



45474D



002A8C



00040D



# Inverse Universe

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



995A6D



C76583



8D995A



4D4547



8C002A

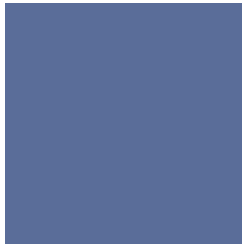


0D0004



# Previews

## White Background



This preview shows how the Hex color 5A6D99 looks on a white background.

## Color Contrast Check

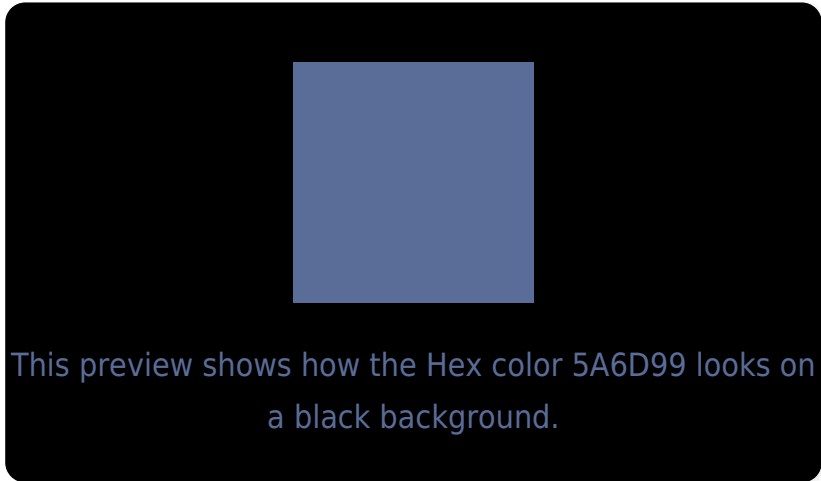
Large Text (above 18pt) WCAG AA ✓ Pass

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

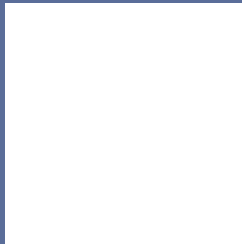
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A6D99 Background



This preview shows how black text looks on a background with the Hex color 5A6D99.

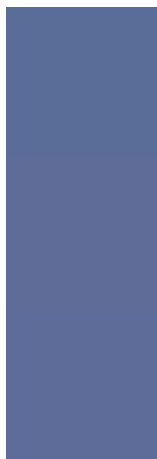


This preview shows how white text looks on a background with the Hex color 5A6D99.

# 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**

5A6D99

**Protanopia**

606C98

**Deuteranopia**

5E6C99



**Tritanopia**  
52737C

# Trichromacy



**Original Color**  
5A6D99

**Protanomaly**  
5E6C98

**Deuteranomaly**  
5D6C99

**Tritanomaly**  
557187

# Monochromacy



**Original Color**  
5A6D99

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
656C7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A6D99 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 #5A6D99 looks like.

```
.text, #text, p{  
    color:#5A6D99  
}
```

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 #5A6D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6D99  
}
```

## Border

The CSS property to change the border of an element to Hex 5A6D99 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  
#5A6D99 }
```

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

```
.border{ border-color:#5A6D99 }
```

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

Here you see how a box with a 4 pixel #5A6D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6D99; -webkit-box-shadow:4px 4px  
4px 4px #5A6D99; box-shadow:4px 4px 4px  
4px #5A6D99 }
```

# Background

The CSS property to change the background color of an element to Hex 5A6D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6D99 }
```

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

```
.background{ background-color:#5A6D99 }
```

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