

# Converting Colors

Hex(5C8097)

Have a look what the booklet for  
Hex(5C8097) contains.

<b>Hex(5C8097)</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(5C8097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C8097
RGB	92, 128, 151
RGB Percent	36%, 50%, 59%
CMY	0.6392, 0.4980, 0.4078
CMYK	0.39, 0.15, 0.00, 0.41
HSL	203°, 24%, 48%
HSV	203°, 39%, 59%
XYZ	17.7187, 19.9480, 32.1946
YIQ	119.8580, -28.8390, -0.4790

# Conversions

## Conversions Part 2

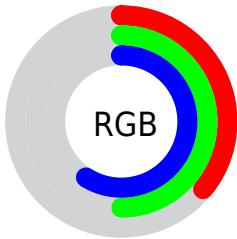
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 114, 151
Decimal	6062231
CIE <sub>Lab</sub>	51.78, -6.52, -16.38
CIE <sub>LCh</sub>	52, 17.631, 248.297
Yxy	19.9480, 0.2536, 0.2855
Android (android.graphics.Color)	4284252311 (0xFF5C8097)
YUV	119.8580, 15.3530, -24.4315
Hunter-Lab	44.6632, -7.3464, -11.4738

# Details

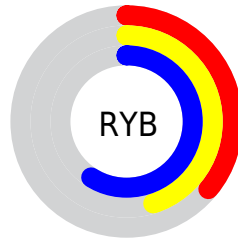
The Hex color **5C8097** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **97735C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **90B5CD**, and **294F64** is the 20% darker color. If you saturate the color by 10%, you get **4D7A97**, and if you desaturate by 10%, it is **6B8697**.

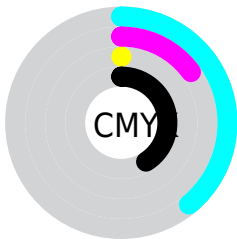
# Distribution



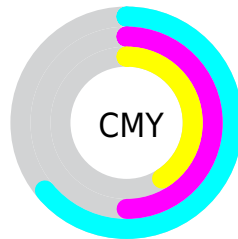
- Red (36%)
- Green (50%)
- Blue (59%)



- Red (36%)
- Yellow (45%)
- Blue (59%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (50%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C8097 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 5C8097 by changing the saturation by 10% instead.



■ 5C8097

■ 5C8097

FFFFFF

■ 43677D

■ 90B5CD

■ 294F64

■ ACD0E9

■ 0E384C

■ C7EDFF

■ 002335

■ E4FFFF

■ 000D20

■ 000005

■ 000000

■ 5C8097

■ 5C8097

■ 4D7A97

■ 6B8697

■ 3E7497

■ 7A8C97

■ 2F6E97

■ 899297

■ 206897

■ 989897

■ 116397

■ A89D97

■ 015D97

■ B7A397

■ 005C97

■ C6A997

■ D5AF97

■ E4B597

# Harmonies

## Analogous

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



51838E



5C8097



6F7B99

# Triad

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



5C8097



9A7178



728063

# Complementary

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



5C8097



97735C

# 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.



837C5E



5C8097



997269

# Square

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



5C8097



927287



907760



618370

# Rectangle

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



5C8097



7D7896



907760



777F61



# Sweetspot

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



5C8097



ADBBC4



5C9773



565E63



E3E3E3



636363



# Same Dimension

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



5C8097



68A0C4



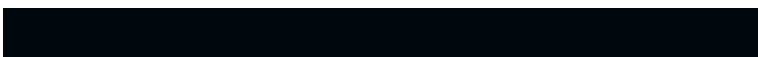
5C6397



454A4D



00568C



00080D



# Inverse Universe

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



975C80



C468A0



97905C



4D454A



8C0056



0D0008



# Previews

## White Background



This preview shows how the Hex color 5C8097 looks on a white background.

## Color Contrast Check

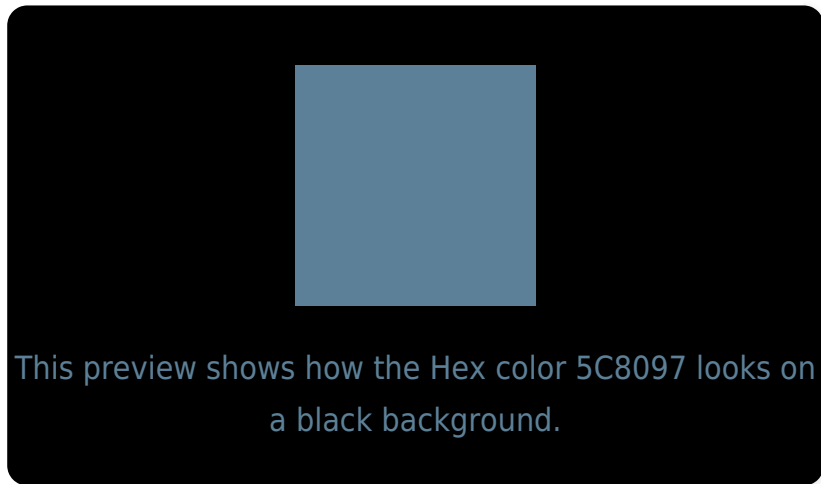
Large Text (above 18pt) WCAG AA ✓ Pass

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

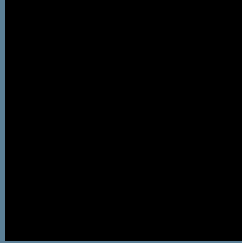
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

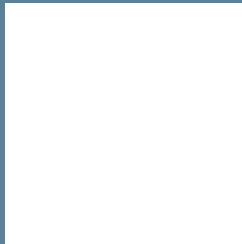
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C8097 Background



This preview shows how black text looks on a background with the Hex color 5C8097.

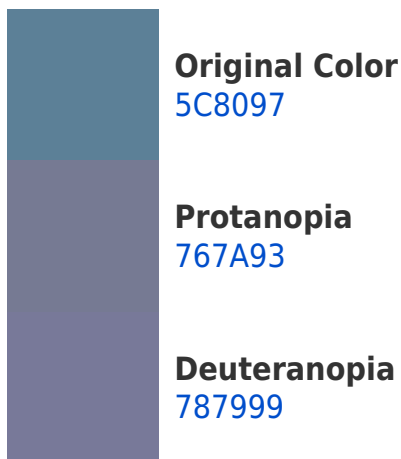



This preview shows how white text looks on a background with the Hex color 5C8097.

# 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](#).

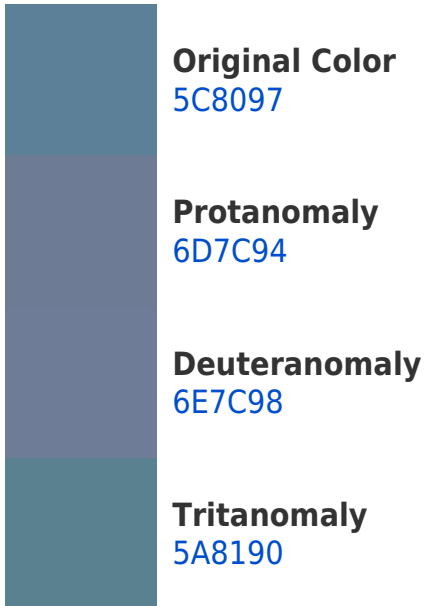
## Dichromacy





**Tritanopia**  
59828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C8097 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 #5C8097 looks like.

```
.text, #text, p{  
    color:#5C8097  
}
```

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 #5C8097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C8097
}
```

## Border

The CSS property to change the border of an element to Hex 5C8097 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
#5C8097 }
```

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

```
.border{ border-color:#5C8097 }
```

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

Here you see how a box with a 4 pixel #5C8097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C8097; -webkit-box-shadow:4px 4px  
4px 4px #5C8097; box-shadow:4px 4px 4px  
4px #5C8097 }
```

# Background

The CSS property to change the background color of an element to Hex 5C8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C8097 }
```

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

```
.background{ background-color:#5C8097 }
```

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