

# Converting Colors

Hex(5D97C9)

Have a look what the booklet for  
Hex(5D97C9) contains.

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**Color**

**Hex(5D97C9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D97C9
RGB	93, 151, 201
RGB Percent	36%, 59%, 79%
CMY	0.6353, 0.4078, 0.2118
CMYK	0.54, 0.25, 0.00, 0.21
HSL	208°, 50%, 58%
HSV	208°, 54%, 79%
XYZ	26.1234, 28.6774, 59.4168
YIQ	139.3580, -50.6180, 3.2540

# Conversions

## Conversions Part 2

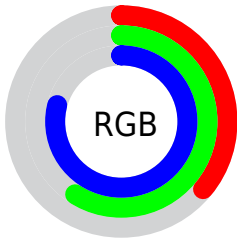
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	93, 131, 201
Decimal	6133705
CIE Lab	60.50, -4.64, -31.55
CIE LCh	60, 31.885, 261.640
Yxy	28.6774, 0.2287, 0.2511
Android (android.graphics.Color)	4284323785 (0xFF5D97C9)
YUV	139.3580, 30.3895, -40.6560
Hunter-Lab	53.5513, -6.6388, -28.2981

# Details

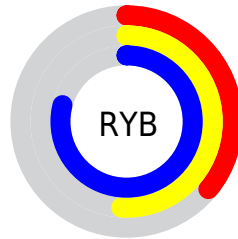
The Hex color **5D97C9** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C98F5D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **96CDFF**, and **1E6493** is the 20% darker color. If you saturate the color by 10%, you get **498EC9**, and if you desaturate by 10%, it is **71A0C9**.

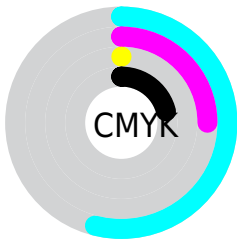
# Distribution



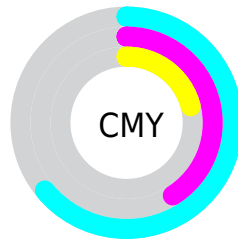
- Red (36%)
- Green (59%)
- Blue (79%)



- Red (36%)
- Yellow (51%)
- Blue (79%)



- Cyan (54%)
- Magenta (25%)
- Yellow (0%)
- Black (21%)



- Cyan (64%)
- Magenta (41%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D97C9 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 5D97C9 by changing the saturation by 10% instead.



■ 5D97C9

■ 5D97C9

FFFFFF

■ 407DAE

■ 96CDFF

■ 1E6493

■ B2E9FF

■ 004D79

■ CFFFFF

■ 003660

■ EDFFFF

■ 002148

■ 000731

■ 00011B

■ 000000

■ 5D97C9

■ 5D97C9

■ 498EC9

■ 71A0C9

■ 3584C9

■ 85AAC9

■ 217BC9

■ 99B3C9

■ 0D72C9

■ ADBCC9

■ 006CC9

■ C2C6C9

■ D6CFC9

■ EAD8C9

■ FEE1C9

■ FFEBC9

# Harmonies

## Analogous

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



319EBD



5D97C9



8A8DC6

# Triad

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



5D97C9



C97D7F



709D6E

# Complementary

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



5D97C9



C98F5D

# 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.



90965D



5D97C9



C08467

# Square

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



5D97C9



C37D9B



AC8D5A



4CA189

# Rectangle

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



5D97C9



A387BC



AC8D5A



7B9B67

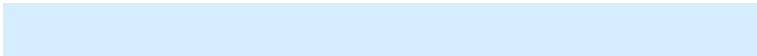


# Sweetspot

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



5D97C9



D6ECFF



5DC98E



677480



000000



808080



# Same Dimension

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



5D97C9



5CB3FF



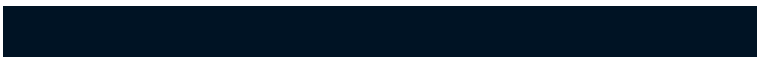
5D62C9



5A5F63



0058A3



001324



# Inverse Universe

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



C95D97



FF5CB3



C9C45D



635A5F



A30058



240013



# Previews

## White Background



This preview shows how the Hex color 5D97C9 looks on a white background.

## Color Contrast Check

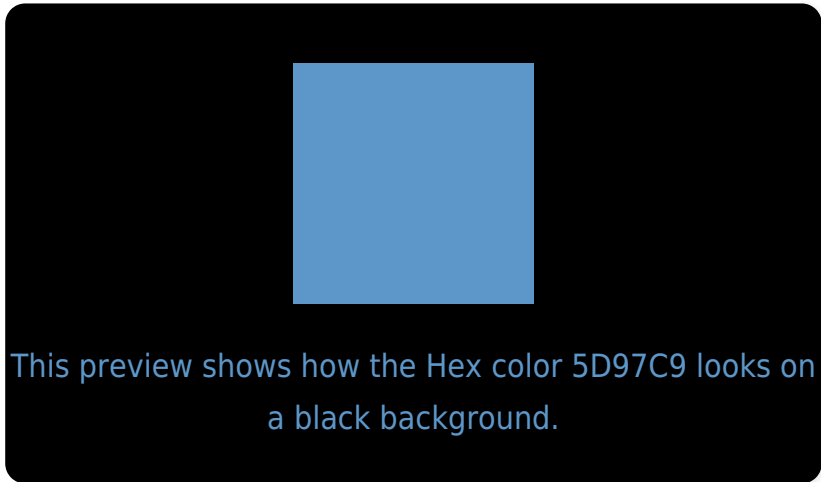
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D97C9 Background



This preview shows how black text looks on a background with the Hex color 5D97C9.

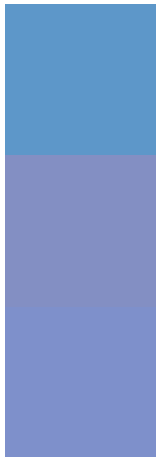


This preview shows how white text looks on a background with the Hex color 5D97C9.

# 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**  
5D97C9

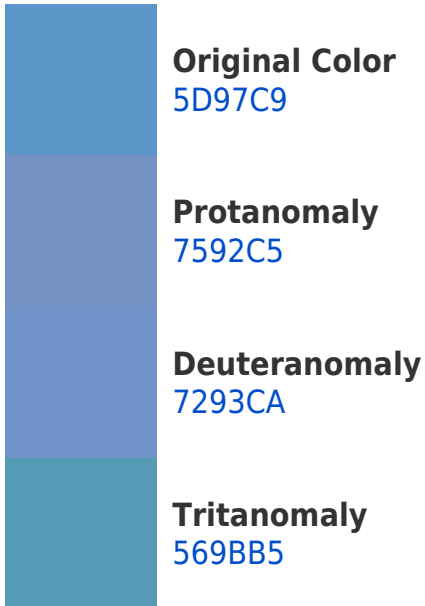
**Protanopia**  
838FC3

**Deuteranopia**  
7E90CB

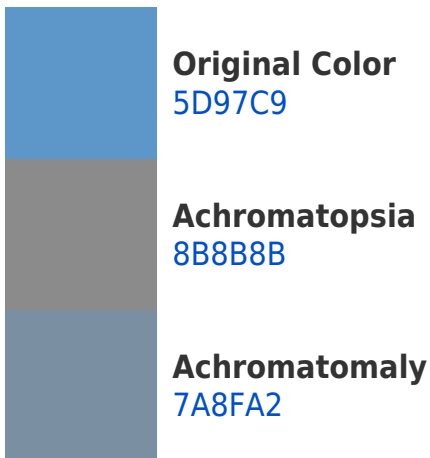


**Tritanopia**  
529DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D97C9 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 #5D97C9 looks like.

```
.text, #text, p{  
    color:#5D97C9  
}
```

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 #5D97C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D97C9
}
```

## Border

The CSS property to change the border of an element to Hex 5D97C9 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
#5D97C9 }
```

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

```
.border{ border-color:#5D97C9 }
```

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

Here you see how a box with a 4 pixel #5D97C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D97C9; -webkit-box-shadow:4px 4px  
4px 4px #5D97C9; box-shadow:4px 4px 4px  
4px #5D97C9 }
```

# Background

The CSS property to change the background color of an element to Hex 5D97C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D97C9 }
```

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

```
.background{ background-color:#5D97C9 }
```

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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