

# Converting Colors

Hex(5C97E6)

Have a look what the booklet for  
Hex(5C97E6) contains.

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# **Color**

**Hex(5C97E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C97E6
RGB	92, 151, 230
RGB Percent	36%, 59%, 90%
CMY	0.6392, 0.4078, 0.0980
CMYK	0.60, 0.34, 0.00, 0.10
HSL	214°, 73%, 63%
HSV	214°, 60%, 90%
XYZ	29.7632, 30.1217, 79.1083
YIQ	142.3650, -60.5230, 12.0610

# Conversions

## Conversions Part 2

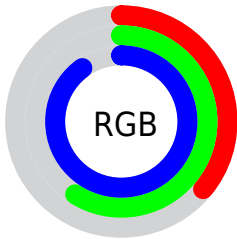
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 133, 230
Decimal	6068198
CIE <sub>Lab</sub>	61.76, 4.37, -45.73
CIE <sub>LCh</sub>	62, 45.938, 275.453
Yxy	30.1217, 0.2141, 0.2167
Android (android.graphics.Color)	4284258278 (0xFF5C97E6)
YUV	142.3650, 43.2041, -44.1701
Hunter-Lab	54.8832, 0.7548, -47.0419

# Details

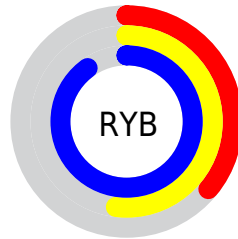
The Hex color **5C97E6** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **E6AB5C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **98CDFF**, and **0965AE** is the 20% darker color. If you saturate the color by 10%, you get **458AE6**, and if you desaturate by 10%, it is **73A4E6**.

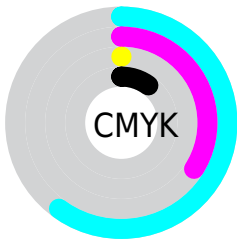
# Distribution



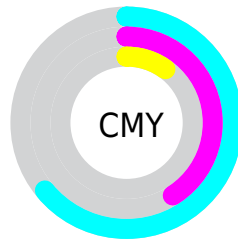
- Red (36%)
- Green (59%)
- Blue (90%)



- Red (36%)
- Yellow (52%)
- Blue (90%)



- Cyan (60%)
- Magenta (34%)
- Yellow (0%)
- Black (10%)



- Cyan (64%)
- Magenta (41%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C97E6 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 5C97E6 by changing the saturation by 10% instead.



■ 5C97E6

■ 5C97E6

FFFFFF

■ 3B7DCA

■ 98CDFF

■ 0965AE

■ B6E9FF

■ 004D93

■ D3FFFF

■ 003779

■ F1FFFF

■ 002260

■ 000B47

■ 000430

■ 00011A

■ 000000

■ 5C97E6

■ 5C97E6

■ 458AE6

■ 73A4E6

■ 2E7DE6

■ 8AB1E6

■ 1770E6

■ A1BFE6

■ 0062E6

■ B8CCE6

■ CFD9E6

■ E6E6E6

■ FDF3E6

■ FFFFE6

# Harmonies

## Analogous

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



00A2DF



5C97E6



A288D8

# Triad

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



5C97E6



DE7968



43A772

# Complementary

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



5C97E6



E6AB5C

# 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.



7BA050



5C97E6



C8874B

# Square

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



5C97E6



E1738F



A69541



00AA9C

# Rectangle

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



5C97E6



C27DC4



A69541



59A565



# Sweetspot

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



5C97E6



D1E5FF



5CE6AA



636F80



000000



808080



# Same Dimension

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



5C97E6



4796FF



655CE6



676C73



004CB3



001633



# Inverse Universe

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



E65C97



FF4796



DDE65C



73676C



B3004C

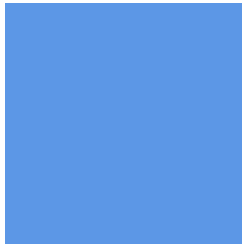


330016



# Previews

## White Background



This preview shows how the Hex color 5C97E6 looks on a white background.

## Color Contrast Check

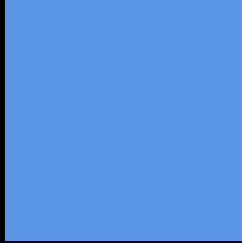
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 5C97E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

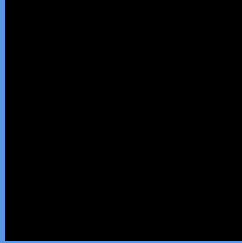
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

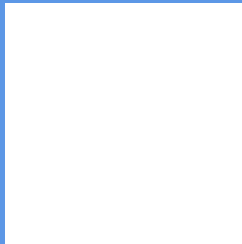
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C97E6 Background



This preview shows how black text looks on a background with the Hex color 5C97E6.

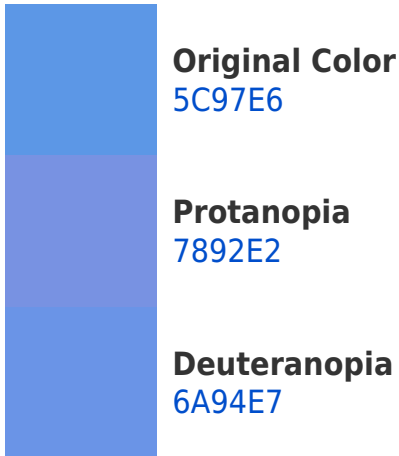


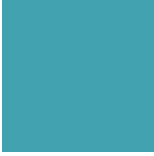
This preview shows how white text looks on a background with the Hex color 5C97E6.

# 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](#).

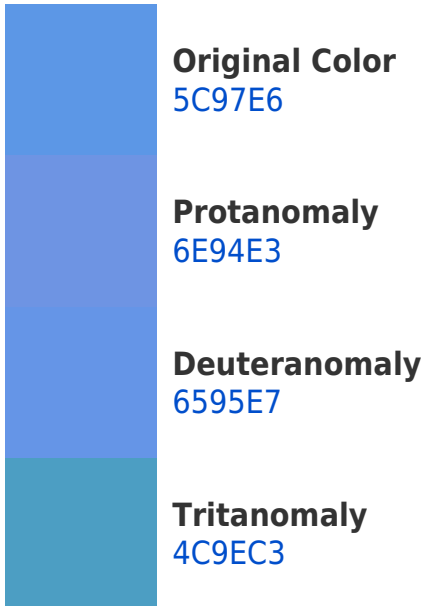
## Dichromacy



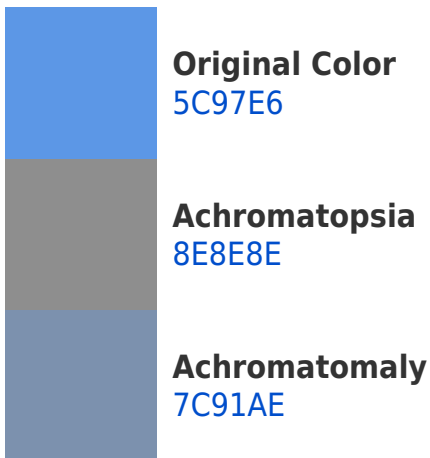


**Tritanopia**  
43A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C97E6 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 #5C97E6 looks like.

```
.text, #text, p{  
    color:#5C97E6  
}
```

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 #5C97E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C97E6  
}
```

## Border

The CSS property to change the border of an element to Hex 5C97E6 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  
#5C97E6 }
```

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

```
.border{ border-color:#5C97E6 }
```

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

Here you see how a box with a 4 pixel #5C97E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C97E6; -webkit-box-shadow:4px 4px  
4px 4px #5C97E6; box-shadow:4px 4px 4px  
4px #5C97E6 }
```

# Background

The CSS property to change the background color of an element to Hex 5C97E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C97E6 }
```

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

```
.background{ background-color:#5C97E6 }
```

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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