

# Converting Colors

Hex(5B97EE)

Have a look what the booklet for  
Hex(5B97EE) contains.

<b>Hex(5B97EE)</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(5B97EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B97EE
RGB	91, 151, 238
RGB Percent	36%, 59%, 93%
CMY	0.6431, 0.4078, 0.0667
CMYK	0.62, 0.37, 0.00, 0.07
HSL	216°, 81%, 65%
HSV	216°, 62%, 93%
XYZ	30.8136, 30.5304, 85.1578
YIQ	142.9780, -63.6870, 14.3370

# Conversions

## Conversions Part 2

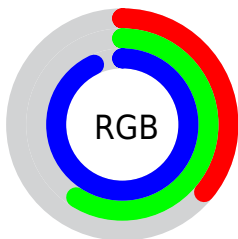
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 134, 238
Decimal	6002670
CIE Lab	62.11, 6.80, -49.60
CIE LCh	62, 50.062, 277.812
Yxy	30.5304, 0.2103, 0.2084
Android (android.graphics.Color)	4284192750 (0xFF5B97EE)
YUV	142.9780, 46.8458, -45.5847
Hunter-Lab	55.2543, 2.8488, -52.6996

# Details

The Hex color **5B97EE** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **EEB25B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **98CDFF**, and **0065B6** is the 20% darker color. If you saturate the color by 10%, you get **4389EE**, and if you desaturate by 10%, it is **73A5EE**.

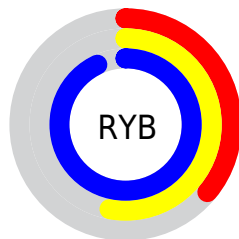
# Distribution



Red (36%)

Green (59%)

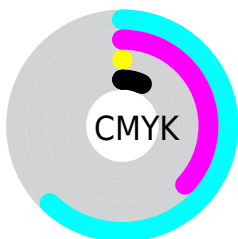
Blue (93%)



Red (36%)

Yellow (53%)

Blue (93%)

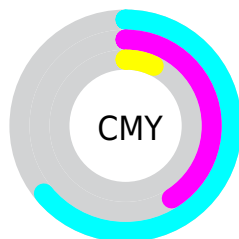


Cyan (62%)

Magenta (37%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (41%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B97EE 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 5B97EE by changing the saturation by 10% instead.



 5B97EE

 5B97EE

FFFFFF

 397DD1

 98CDFF

 0065B6

 B6E9FF

 004D9A

 D4FFFF

 003780

 F2FFFF

 002366

 000C4E

 000536

 000220

 000004

■ 5B97EE

■ 5B97EE

■ 4389EE

■ 73A5EE

■ 2B7BEE

■ 8BB3EE

■ 146DEE

■ A2C1EE

■ 0061EE

■ BACFEE

■ D2DDEE

■ EAEECE

■ FFFAEE

■ FFFFEE

# Harmonies

## Analogous

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



00A4E8



5B97EE



A886DD

# Triad

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



5B97EE



E37862



2FAA73

# Complementary

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



5B97EE



EEB25B

# 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.



75A34D



5B97EE



CA8843

# Square

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



5B97EE



E86F8C



A49739



00ACA1

# Rectangle

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



5B97EE



CA7AC6



A49739



4DA865

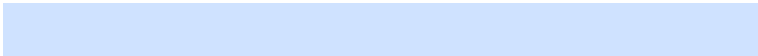


# Sweetspot

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



5B97EE



CFE2FF



5BEEB1



626E80



000000



808080



# Same Dimension

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



5B97EE



428FFF



675BEE



6C7178



004BB8



001738



# Inverse Universe

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



EE5B97



FF428F



E2EE5B



786C71



B8004B



380017



# Previews

## White Background



This preview shows how the Hex color 5B97EE looks on a white background.

## Color Contrast Check

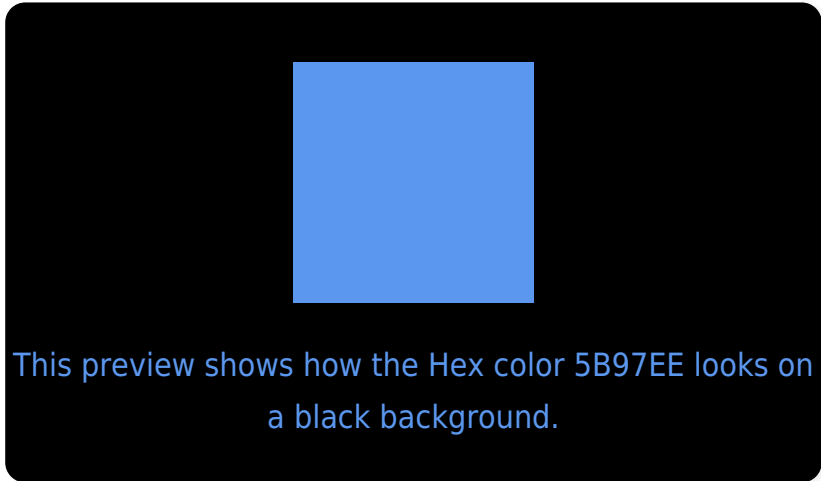
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

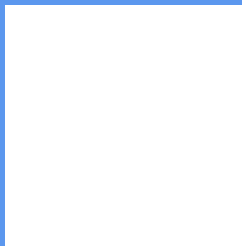
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B97EE Background



This preview shows how black text looks on a background with the Hex color 5B97EE.



This preview shows how white text looks on a background with the Hex color 5B97EE.

# 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](#).

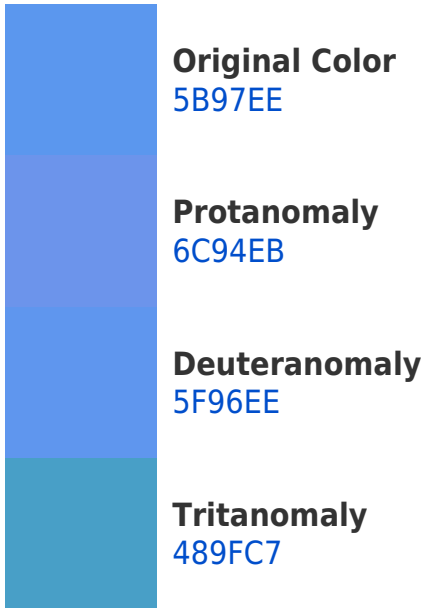
## Dichromacy



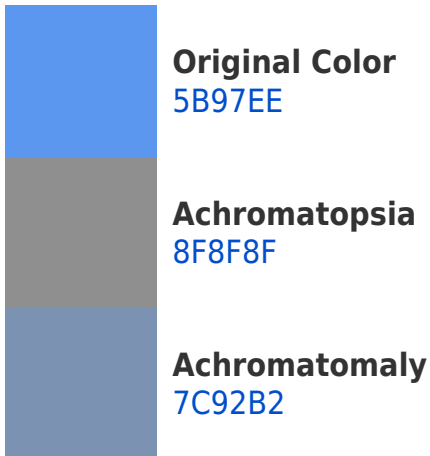


**Tritanopia**  
3DA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B97EE 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 #5B97EE looks like.

```
.text, #text, p{  
    color:#5B97EE  
}
```

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 #5B97EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B97EE
}
```

## Border

The CSS property to change the border of an element to Hex 5B97EE 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
#5B97EE }
```

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

```
.border{ border-color:#5B97EE }
```

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

Here you see how a box with a 4 pixel #5B97EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B97EE; -webkit-box-shadow:4px 4px  
4px 4px #5B97EE; box-shadow:4px 4px 4px  
4px #5B97EE }
```

# Background

The CSS property to change the background color of an element to Hex 5B97EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B97EE }
```

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

```
.background{ background-color:#5B97EE }
```

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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