

# Converting Colors

Hex(5E97B5)

Have a look what the booklet for  
Hex(5E97B5) contains.

<b>Hex(5E97B5)</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(5E97B5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E97B5
RGB	94, 151, 181
RGB Percent	37%, 59%, 71%
CMY	0.6314, 0.4078, 0.2902
CMYK	0.48, 0.17, 0.00, 0.29
HSL	201°, 37%, 54%
HSV	201°, 48%, 71%
XYZ	24.0232, 27.8491, 47.8253
YIQ	137.3770, -43.6020, -2.7540

# Conversions

## Conversions Part 2

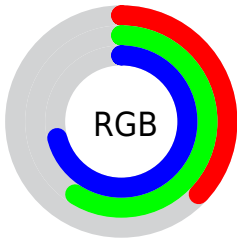
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 128, 181
Decimal	6199221
CIE <sub>Lab</sub>	59.75, -10.39, -21.42
CIE <sub>LCh</sub>	60, 23.808, 244.134
Y <sub>xy</sub>	27.8491, 0.2410, 0.2793
Android (android.graphics.Color)	4284389301 (0xFF5E97B5)
YUV	137.3770, 21.5061, -38.0416
Hunter-Lab	52.7722, -11.0939, -16.7915

# Details

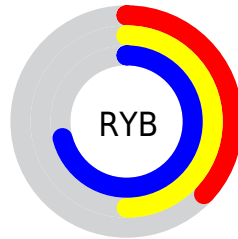
The Hex color **5E97B5** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B57C5E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **95CDED**, and **256480** is the 20% darker color. If you saturate the color by 10%, you get **4C91B5**, and if you desaturate by 10%, it is **709DB5**.

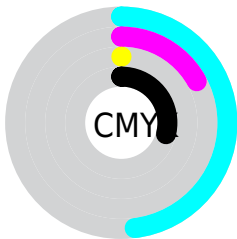
# Distribution



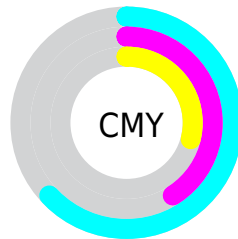
- Red (37%)
- Green (59%)
- Blue (71%)



- Red (37%)
- Yellow (50%)
- Blue (71%)



- Cyan (48%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (41%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E97B5 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 5E97B5 by changing the saturation by 10% instead.



■ 5E97B5

■ 5E97B5

FFFFFF

■ 437D9A

■ 95CDED

■ 256480

■ B1E9FF

■ 004C67

■ CDFFFF

■ 00364F

■ EBFFFF

■ 002038

■ 000223

■ 000009

■ 000000

■ 5E97B5

■ 5E97B5

■ 4C91B5

■ 709DB5

■ 3A8BB5

■ 82A3B5

■ 2884B5

■ 94AAB5

■ 167EB5

■ A6B0B5

■ 0378B5

■ B9B6B5

■ 0077B5

■ CBBCB5

■ DDC3B5

■ EFC9B5

■ FFCFB5

# Harmonies

## Analogous

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



509BA7



5E97B5



7A91B9

# Triad

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



5E97B5



B9818E



85966D

# Complementary

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



5E97B5



B57C5E

# 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.



9C9066



5E97B5



B98379

# Square

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



5E97B5



AD83A3



AE886B



6D9A7D

# Rectangle

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



5E97B5



8E8CB6



AE886B



8D9469



# Sweetspot

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



5E97B5



CADFEB



5EB57B



616E75



F5F5F5



757575



# Same Dimension

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



5E97B5



63BCEB



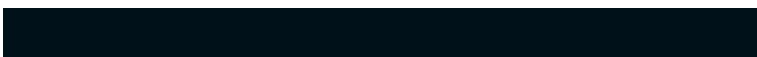
5E6DB5



505659



006499



00111A



# Inverse Universe

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



B55E97



EB63BC



B5A75E



595056



990064



1A0011



# Previews

## White Background



This preview shows how the Hex color 5E97B5 looks on a white background.

## Color Contrast Check

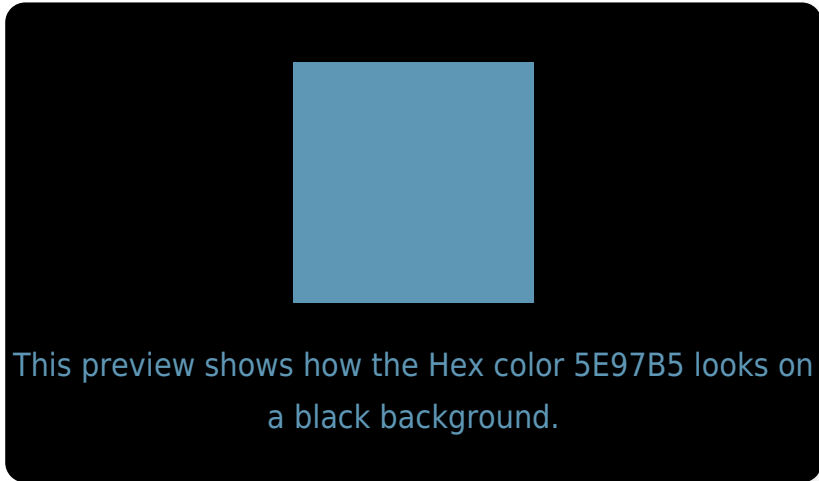
Large Text (above 18pt) WCAG AA ✓ Pass

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

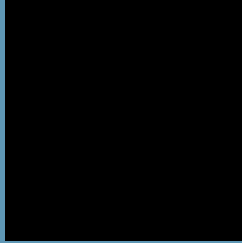
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

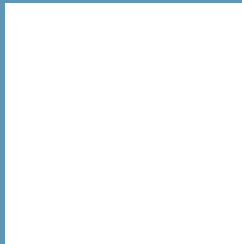
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E97B5 Background



This preview shows how black text looks on a background with the Hex color 5E97B5.

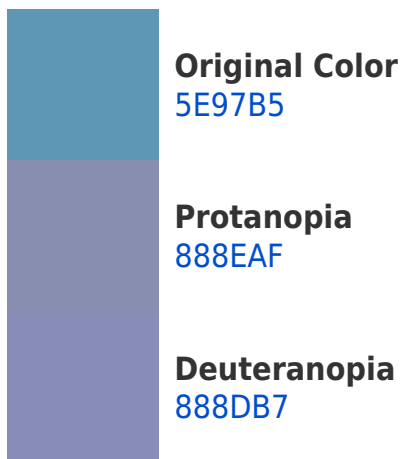


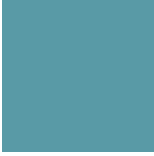
This preview shows how white text looks on a background with the Hex color 5E97B5.

# 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](#).

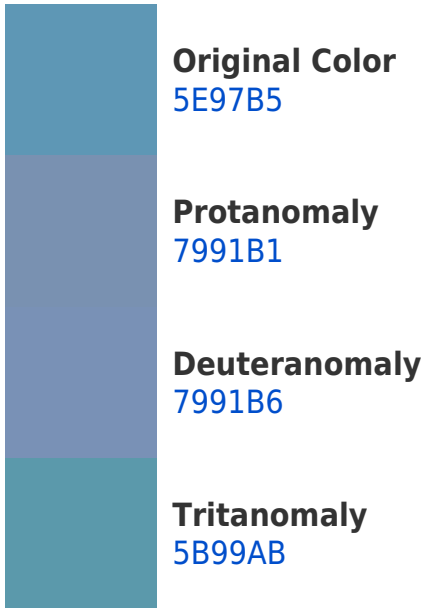
## Dichromacy





**Tritanopia**  
599AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E97B5 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 #5E97B5 looks like.

```
.text, #text, p{  
    color:#5E97B5  
}
```

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 #5E97B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E97B5
}
```

## Border

The CSS property to change the border of an element to Hex 5E97B5 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
#5E97B5 }
```

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

```
.border{ border-color:#5E97B5 }
```

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

Here you see how a box with a 4 pixel #5E97B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E97B5; -webkit-box-shadow:4px 4px  
4px 4px #5E97B5; box-shadow:4px 4px 4px  
4px #5E97B5 }
```

# Background

The CSS property to change the background color of an element to Hex 5E97B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E97B5 }
```

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

```
.background{ background-color:#5E97B5 }
```

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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