

# Converting Colors

Hex(5E9BB4)

Have a look what the booklet for  
Hex(5E9BB4) contains.

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# Color

Hex(5E9BB4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E9BB4
RGB	94, 155, 180
RGB Percent	37%, 61%, 71%
CMY	0.6314, 0.3922, 0.2941
CMYK	0.48, 0.14, 0.00, 0.29
HSL	197°, 36%, 54%
HSV	197°, 48%, 71%
XYZ	24.5757, 29.1177, 47.5050
YIQ	139.6110, -44.3810, -5.1570

# Conversions

## Conversions Part 2

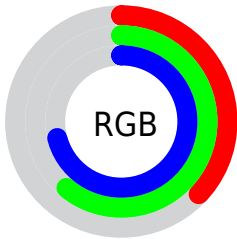
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 130, 180
Decimal	6200244
CIELab	60.89, -12.87, -19.13
CIELCh	61, 23.053, 236.075
Yxy	29.1177, 0.2428, 0.2877
Android (android.graphics.Color)	4284390324 (0xFF5E9BB4)
YUV	139.6110, 19.9118, -40.0008
Hunter-Lab	53.9608, -13.1361, -14.4241

# Details

The Hex color **5E9BB4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B4775E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **95D1EC**, and **25687F** is the 20% darker color. If you saturate the color by 10%, you get **4C96B4**, and if you desaturate by 10%, it is **70A0B4**.

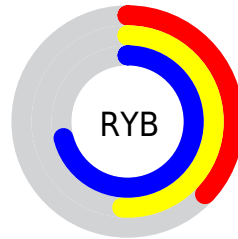
# Distribution



Red (37%)

Green (61%)

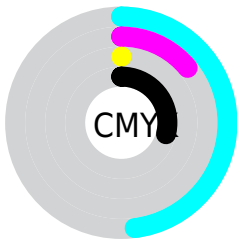
Blue (71%)



Red (37%)

Yellow (51%)

Blue (71%)

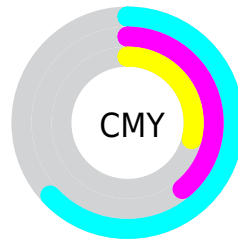


Cyan (48%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (63%)

Magenta (39%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E9BB4 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 5E9BB4 by changing the saturation by 10% instead.





5E9BB4



5E9BB4

FFFFFF



428199



95D1EC



25687F



B1EEFF



005066



CEFFFF



00394E



EBFFFF



002337



000822



000008



000000



5E9BB4



5E9BB4

■ 4C96B4

■ 70A0B4

■ 3A91B4

■ 82A5B4

■ 288BB4

■ 94ABB4

■ 1686B4

■ A6B0B4

■ 0481B4

■ B8B5B4

■ 0080B4

■ CABAB4

■ DCC0B4

■ EEC5B4

■ FFCAB4

# Harmonies

## Analogous

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



579EA4



5E9BB4



7696BB

# Triad

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



5E9BB4



B98496



8F976E

# Complementary

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



5E9BB4



B4775E

# 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.



A4916A



5E9BB4



BC8582

# Square

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



5E9BB4



AB88AA



B48A72



789C7C

# Rectangle

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



5E9BB4



8991BA



B48A72



96956C



# Sweetspot

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



5E9BB4



CAE1EB



5EB476



617075



F5F5F5



757575



# Same Dimension

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



5E9BB4



65C4EB



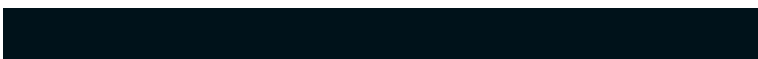
5E71B4



505759



006D99



00121A



# Inverse Universe

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



B45E9B



EB65C4



B4A15E



595057



99006D



1A0012



# Previews

## White Background



This preview shows how the Hex color 5E9BB4 looks on a white background.

## Color Contrast Check

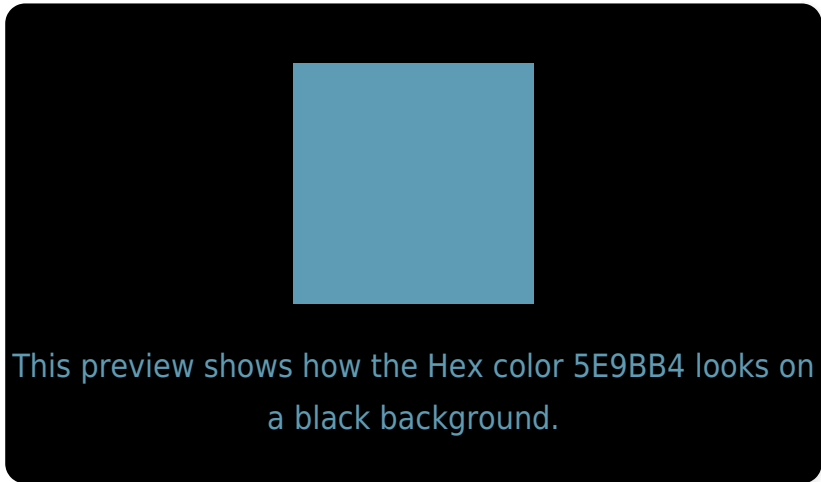
Large Text (above 18pt) WCAG AA ✓ Pass

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

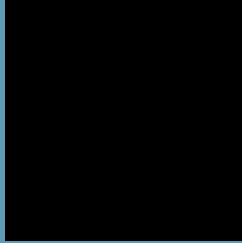
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E9BB4 Background



This preview shows how black text looks on a background with the Hex color 5E9BB4.

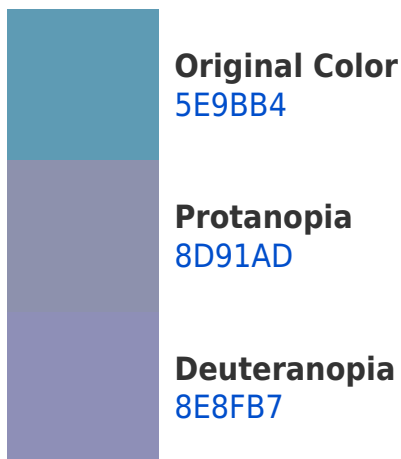


This preview shows how white text looks on a background with the Hex color 5E9BB4.

# 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](#).

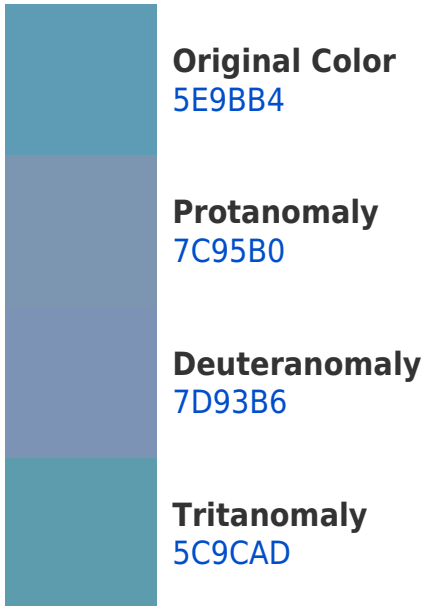
## Dichromacy





**Tritanopia**  
5B9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E9BB4 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 #5E9BB4 looks like.

```
.text, #text, p{  
    color:#5E9BB4  
}
```

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 #5E9BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9BB4
}
```

## Border

The CSS property to change the border of an element to Hex 5E9BB4 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
#5E9BB4 }
```

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

```
.border{ border-color:#5E9BB4 }
```

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

Here you see how a box with a 4 pixel #5E9BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9BB4; -webkit-box-shadow:4px 4px  
4px 4px #5E9BB4; box-shadow:4px 4px 4px  
4px #5E9BB4 }
```

# Background

The CSS property to change the background color of an element to Hex 5E9BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9BB4 }
```

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

```
.background{ background-color:#5E9BB4 }
```

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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