

# Converting Colors

Hex(5B9EB4)

Have a look what the booklet for  
Hex(5B9EB4) contains.

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# Color

Hex(5B9EB4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B9EB4
RGB	91, 158, 180
RGB Percent	36%, 62%, 71%
CMY	0.6431, 0.3804, 0.2941
CMYK	0.49, 0.12, 0.00, 0.29
HSL	195°, 37%, 53%
HSV	195°, 49%, 71%
XYZ	24.7795, 29.9732, 47.6594
YIQ	140.4750, -46.9940, -7.3620

# Conversions

## Conversions Part 2

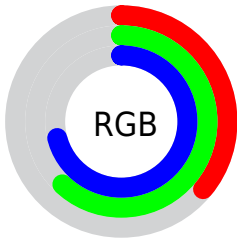
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 129, 180
Decimal	6004404
CIELab	61.63, -15.20, -18.01
CIElCh	62, 23.566, 229.828
Yxy	29.9732, 0.2420, 0.2927
Android (android.graphics.Color)	4284194484 (0xFF5B9EB4)
YUV	140.4750, 19.4858, -43.3896
Hunter-Lab	54.7477, -15.0174, -13.2901

# Details

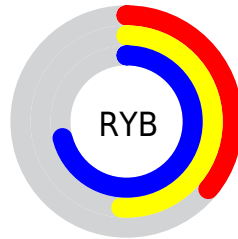
The Hex color **5B9EB4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B4715B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **92D5EC**, and **206B7F** is the 20% darker color. If you saturate the color by 10%, you get **499AB4**, and if you desaturate by 10%, it is **6DA2B4**.

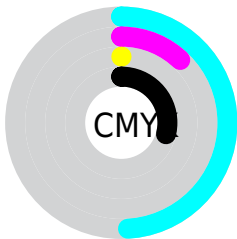
# Distribution



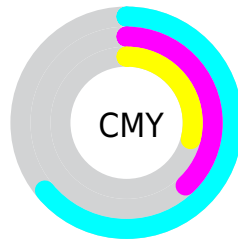
- Red (36%)
- Green (62%)
- Blue (71%)



- Red (36%)
- Yellow (51%)
- Blue (71%)



- Cyan (49%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (38%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B9EB4 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 5B9EB4 by changing the saturation by 10% instead.



■ 5B9EB4

■ 5B9EB4

FFFFFF

■ 3F8499

■ 92D5EC

■ 206B7F

■ AEF1FF

■ 005266

■ CBFFFF

■ 003B4E

■ E8FFFF

■ 002537

■ 000D22

■ 000009

■ 000000

■ 5B9EB4

■ 5B9EB4

■ 499AB4

■ 6DA2B4

■ 3795B4

■ 7FA7B4

■ 2591B4

■ 91ABB4

■ 138CB4

■ A3B0B4

■ 0188B4

■ B5B4B4

■ 0088B4

■ C7B9B4

■ D9BDB4

■ EBC2B4

■ FDC6B4

# Harmonies

## Analogous

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



58A0A2



5B9EB4



7199BD

# Triad

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



5B9EB4



BA869D



96986D

# Complementary

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



5B9EB4



B4715B

# 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.



AB916C



5B9EB4



BF8688

# Square

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



5B9EB4



A98BB0



BA8A76



7E9D79

# Rectangle

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



5B9EB4



8594BE



BA8A76



9D966C



# Sweetspot

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



5B9EB4



C7E2EB



5BB470



607075



F5F5F5



757575



# Same Dimension

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



5B9EB4



60C8EB



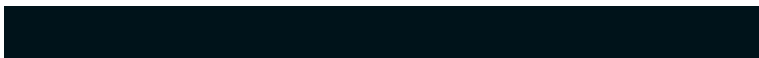
5B73B4



505759



007399



00131A



# Inverse Universe

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



B45B9E



EB60C8



B49C5B



595057



990073



1A0013



# Previews

## White Background



This preview shows how the Hex color 5B9EB4 looks on a white background.

## Color Contrast Check

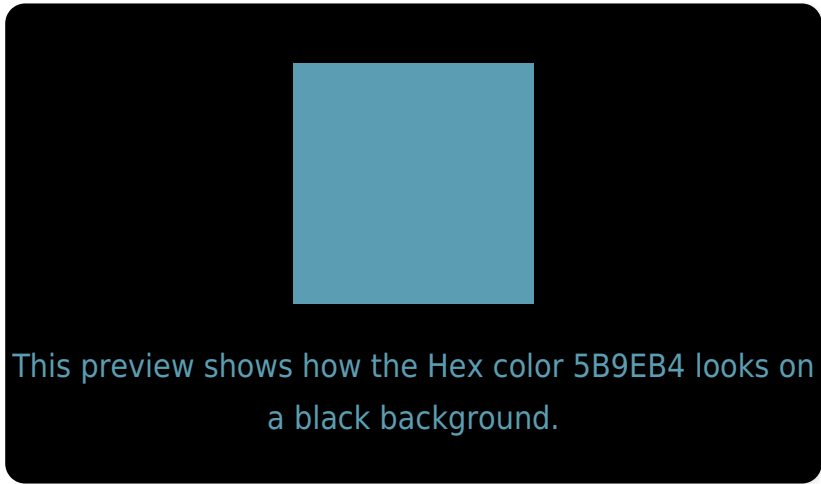
Large Text (above 18pt) WCAG AA ✓ Pass

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

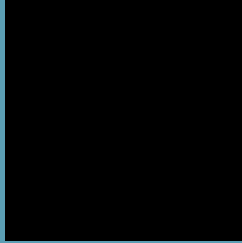
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5B9EB4 Background



This preview shows how black text looks on a background with the Hex color 5B9EB4.

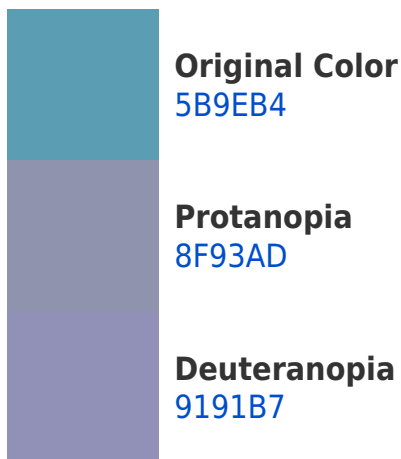


This preview shows how white text looks on a background with the Hex color 5B9EB4.

# Color Blindness Simulation

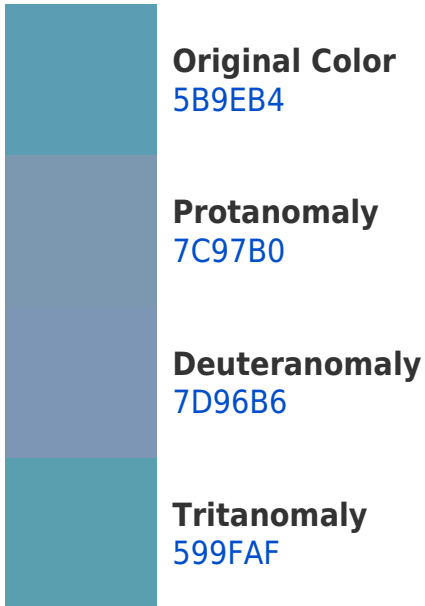
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B9EB4 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 #5B9EB4 looks like.

```
.text, #text, p{  
    color:#5B9EB4  
}
```

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 #5B9EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9EB4
}
```

## Border

The CSS property to change the border of an element to Hex 5B9EB4 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
#5B9EB4 }
```

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

```
.border{ border-color:#5B9EB4 }
```

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

Here you see how a box with a 4 pixel #5B9EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9EB4; -webkit-box-shadow:4px 4px  
4px 4px #5B9EB4; box-shadow:4px 4px 4px  
4px #5B9EB4 }
```

# Background

The CSS property to change the background color of an element to Hex 5B9EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9EB4 }
```

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

```
.background{ background-color:#5B9EB4 }
```

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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