

# Converting Colors

Hex(5F91B3)

Have a look what the booklet for  
Hex(5F91B3) contains.

<b>Hex(5F91B3)</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(5F91B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F91B3
RGB	95, 145, 179
RGB Percent	37%, 57%, 70%
CMY	0.6275, 0.4314, 0.2980
CMYK	0.47, 0.19, 0.00, 0.30
HSL	204°, 36%, 54%
HSV	204°, 47%, 70%
XYZ	22.9814, 25.9384, 46.4432
YIQ	133.9260, -40.7140, -0.0260

# Conversions

## Conversions Part 2

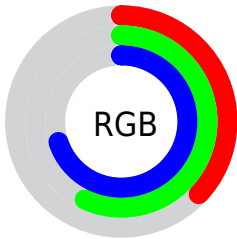
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 126, 179
Decimal	6263219
CIE Lab	57.98, -7.38, -23.00
CIE LCh	58, 24.157, 252.214
Yxy	25.9384, 0.2410, 0.2720
Android (android.graphics.Color)	4284453299 (0xFF5F91B3)
YUV	133.9260, 22.2215, -34.1381
Hunter-Lab	50.9297, -8.5811, -18.4162

# Details

The Hex color **5F91B3** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B3815F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **95C7EB**, and **275F7E** is the 20% darker color. If you saturate the color by 10%, you get **4D8AB3**, and if you desaturate by 10%, it is **7198B3**.

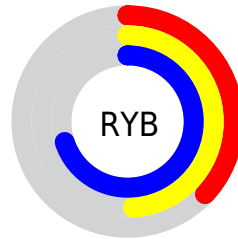
# Distribution



Red (37%)

Green (57%)

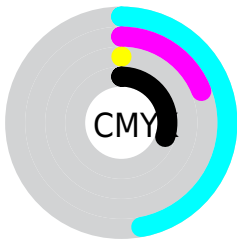
Blue (70%)



Red (37%)

Yellow (49%)

Blue (70%)

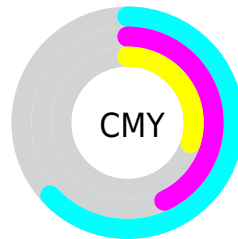


Cyan (47%)

Magenta (19%)

Yellow (0%)

Black (30%)



Cyan (63%)

Magenta (43%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F91B3 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 5F91B3 by changing the saturation by 10% instead.



■ 5F91B3

■ 5F91B3

FFFFFF

■ 447798

■ 95C7EB

■ 275F7E

■ B1E3FF

■ 004765

■ CEFFFF

■ 00314D

■ EBFFFF

■ 001C36

■ 000221

■ 000006

■ 000000

■ 5F91B3

■ 5F91B3

■ 4D8AB3

■ 7198B3

■ 3B83B3

■ 839FB3

■ 297BB3

■ 95A7B3

■ 1774B3

■ A7AEB3

■ 066DB3

■ B9B5B3

■ 006BB3

■ CABCB3

■ DCC4B3

■ EECBB3

■ FFD2B3

# Harmonies

## Analogous

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



4C95A7



5F91B3



7D8AB4

# Triad

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



5F91B3



B67C83



7A936C

# Complementary

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



5F91B3



B3815F

# 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.



928D62



5F91B3



B37F70

# Square

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



5F91B3



AD7D99



A68664



62967E

# Rectangle

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



5F91B3



9185AF



A68664



829167



# Sweetspot

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



5F91B3



C8DBE8



5FB381



616D75



F5F5F5



757575



# Same Dimension

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



5F91B3



66B3E8



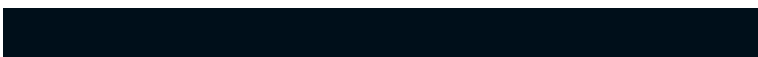
5F67B3



505659



005B99



000F1A



# Inverse Universe

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



B35F91



E866B3



B3AB5F



595056



99005B



1A000F



# Previews

## White Background



This preview shows how the Hex color 5F91B3 looks on a white background.

## Color Contrast Check

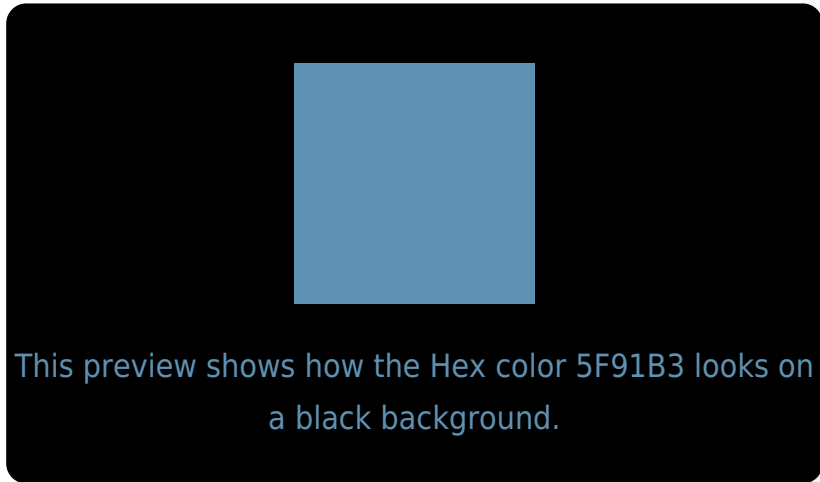
Large Text (above 18pt) WCAG AA ✓ Pass

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

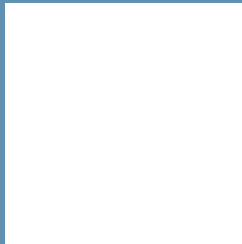
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F91B3 Background



This preview shows how black text looks on a background with the Hex color 5F91B3.



This preview shows how white text looks on a background with the Hex color 5F91B3.

# 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](#).

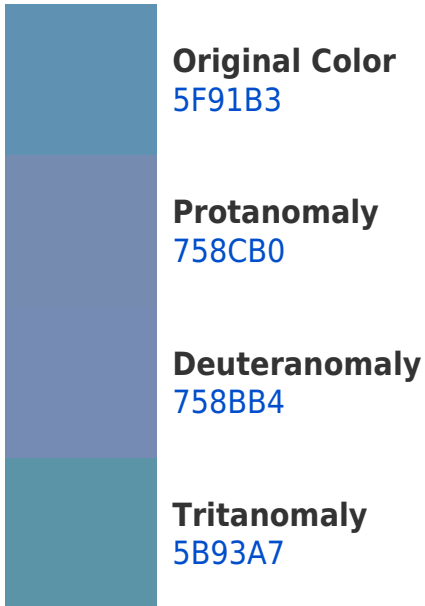
## Dichromacy





**Tritanopia**  
5994A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F91B3 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 #5F91B3 looks like.

```
.text, #text, p{  
    color:#5F91B3  
}
```

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 #5F91B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F91B3  
}
```

## Border

The CSS property to change the border of an element to Hex 5F91B3 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  
#5F91B3 }
```

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

```
.border{ border-color:#5F91B3 }
```

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

Here you see how a box with a 4 pixel #5F91B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F91B3; -webkit-box-shadow:4px 4px  
4px 4px #5F91B3; box-shadow:4px 4px 4px  
4px #5F91B3 }
```

# Background

The CSS property to change the background color of an element to Hex 5F91B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F91B3 }
```

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

```
.background{ background-color:#5F91B3 }
```

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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