

# Converting Colors

Hex(5D93B6)

Have a look what the booklet for  
Hex(5D93B6) contains.

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# Color

Hex(5D93B6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D93B6
RGB	93, 147, 182
RGB Percent	36%, 58%, 71%
CMY	0.6353, 0.4235, 0.2863
CMYK	0.49, 0.19, 0.00, 0.29
HSL	204°, 38%, 54%
HSV	204°, 49%, 71%
XYZ	23.3914, 26.5720, 48.1520
YIQ	134.8440, -43.4190, -0.5630

# Conversions

## Conversions Part 2

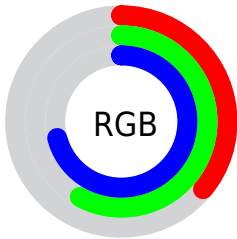
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 127, 182
Decimal	6132662
CIE <sub>Lab</sub>	58.58, -8.11, -23.80
CIE <sub>LCh</sub>	59, 25.141, 251.173
Yxy	26.5720, 0.2384, 0.2708
Android (android.graphics.Color)	4284322742 (0xFF5D93B6)
YUV	134.8440, 23.2479, -36.6972
Hunter-Lab	51.5480, -9.2095, -19.3003

# Details

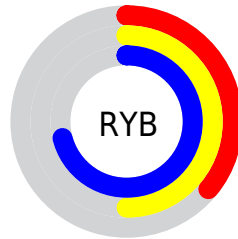
The Hex color **5D93B6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B6805D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **94C9EE**, and **246181** is the 20% darker color. If you saturate the color by 10%, you get **4B8CB6**, and if you desaturate by 10%, it is **6F9AB6**.

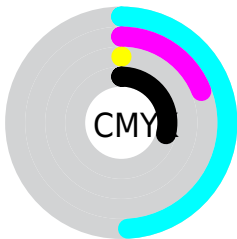
# Distribution



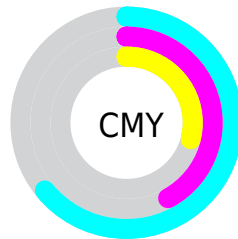
- Red (36%)
- Green (58%)
- Blue (71%)



- Red (36%)
- Yellow (50%)
- Blue (71%)



- Cyan (49%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (42%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D93B6 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 5D93B6 by changing the saturation by 10% instead.



■ 5D93B6

■ 5D93B6

FFFFFF

■ 41799B

■ 94C9EE

■ 246181

■ B0E5FF

■ 004968

■ CCFFFF

■ 003250

■ EAFFFF

■ 001E38

■ 000223

■ 00000A

■ 000000

■ 5D93B6

■ 5D93B6

■ 4B8CB6

■ 6F9AB6

■ 3985B6

■ 81A1B6

■ 267EB6

■ 94A8B6

■ 1476B6

■ A6B0B6

■ 026FB6

■ B8B7B6

■ 006EB6

■ CABEB6

■ DCC5B6

■ EFCCB6

■ FFD3B6

# Harmonies

## Analogous

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



4997A9



5D93B6



7D8CB8

# Triad

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



5D93B6



B97D85



7C946B

# Complementary

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



5D93B6



B6805D

# 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.



948E61



5D93B6



B68071

# Square

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



5D93B6



B07E9C



A98764



62987E

# Rectangle

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



5D93B6



9187B3



A98764



849267



# Sweetspot

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



5D93B6



CADFED



5DB67F



626F78



F7F7F7



787878



# Same Dimension

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



5D93B6



61B6ED



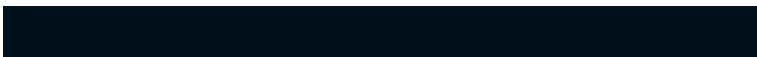
5D67B6



53585C



005E9C



00111C



# Inverse Universe

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



B65D93



ED61B6



B6AC5D



5C5358



9C005E



1C0011



# Previews

## White Background



This preview shows how the Hex color 5D93B6 looks on a white background.

## Color Contrast Check

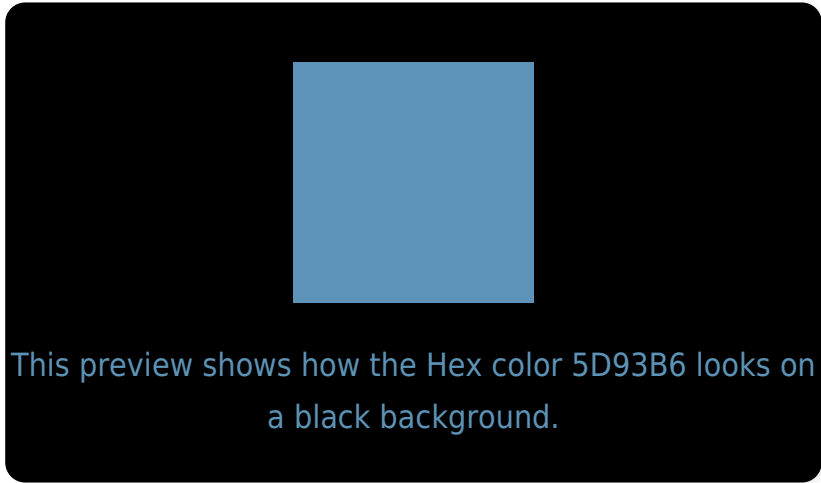
Large Text (above 18pt) WCAG AA ✓ Pass

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

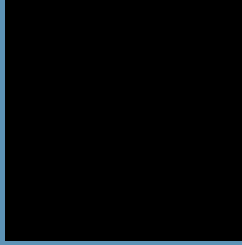
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

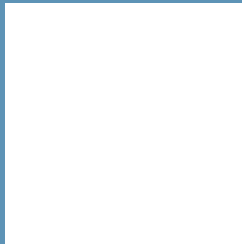
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D93B6 Background



This preview shows how black text looks on a background with the Hex color 5D93B6.

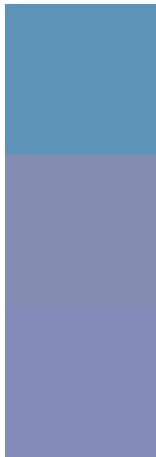


This preview shows how white text looks on a background with the Hex color 5D93B6.

# 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



**Original Color**  
5D93B6

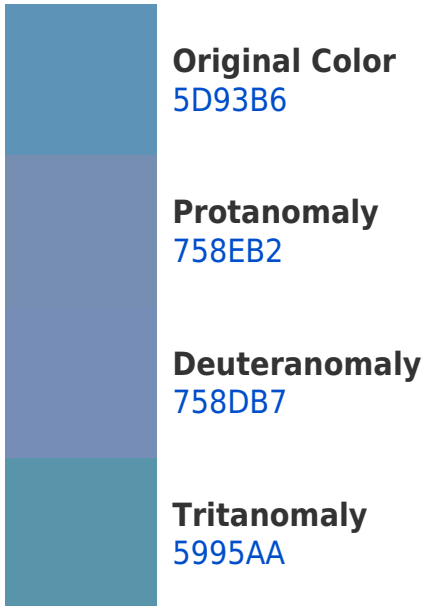
**Protanopia**  
838BB0

**Deuteranopia**  
828AB8



**Tritanopia**  
5796A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D93B6 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 #5D93B6 looks like.

```
.text, #text, p{  
    color:#5D93B6  
}
```

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 #5D93B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D93B6
}
```

## Border

The CSS property to change the border of an element to Hex 5D93B6 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
#5D93B6 }
```

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

```
.border{ border-color:#5D93B6 }
```

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

Here you see how a box with a 4 pixel #5D93B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D93B6; -webkit-box-shadow:4px 4px  
4px 4px #5D93B6; box-shadow:4px 4px 4px  
4px #5D93B6 }
```

# Background

The CSS property to change the background color of an element to Hex 5D93B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D93B6 }
```

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

```
.background{ background-color:#5D93B6 }
```

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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