

# Converting Colors

Hex(5193B6)

Have a look what the booklet for  
Hex(5193B6) contains.

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**Color**

**Hex(5193B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5193B6
RGB	81, 147, 182
RGB Percent	32%, 58%, 71%
CMY	0.6824, 0.4235, 0.2863
CMYK	0.55, 0.19, 0.00, 0.29
HSL	201°, 41%, 52%
HSV	201°, 55%, 71%
XYZ	22.2706, 25.9942, 48.0996
YIQ	131.2560, -50.5710, -3.1070

# Conversions

## Conversions Part 2

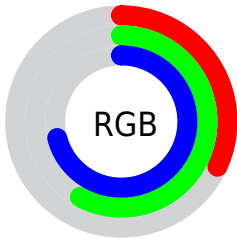
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 121, 182
Decimal	5346230
CIE <sub>Lab</sub>	58.03, -10.85, -24.68
CIE <sub>LCh</sub>	58, 26.960, 246.262
Yxy	25.9942, 0.2311, 0.2697
Android (android.graphics.Color)	4283536310 (0xFF5193B6)
YUV	131.2560, 25.0168, -44.0745
Hunter-Lab	50.9845, -11.2522, -20.2460

# Details

The Hex color **5193B6** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B67451**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **89C9EE**, and **0B6081** is the 20% darker color. If you saturate the color by 10%, you get **3F8DB6**, and if you desaturate by 10%, it is **6399B6**.

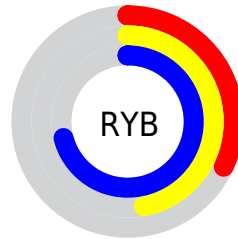
# Distribution



Red (32%)

Green (58%)

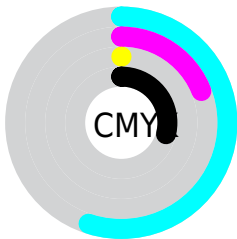
Blue (71%)



Red (32%)

Yellow (47%)

Blue (71%)

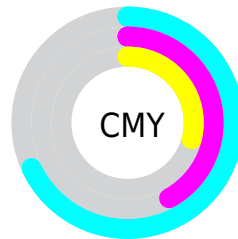


Cyan (55%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (68%)

Magenta (42%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5193B6 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 5193B6 by changing the saturation by 10% instead.



■ 5193B6

■ 5193B6

FFFFFF

■ 33799B

■ 89C9EE

■ 0B6081

■ A6E5FF

■ 004968

■ C2FFFF

■ 003250

■ DFFFFF

■ 001E38

■ FDFFFF

■ 000223

■ 00000A

■ 000000

■ 5193B6

■ 5193B6

■ 3F8DB6

■ 6399B6

■ 2D86B6

■ 75A0B6

■ 1A80B6

■ 88A6B6

■ 087AB6

■ 9AACB6

■ 0077B6

■ ACB3B6

■ BEB9B6

■ D0FB6

■ E3C5B6

■ F5CCB6

# Harmonies

## Analogous

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



3E97A7



5193B6



748CBA

# Triad

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



5193B6



BA7A87



7D9265

# Complementary

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



5193B6



B67451

# 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.



978C5C



5193B6



B87D71

# Square

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



5193B6



AE7C9F



AC8461



629778

# Rectangle

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



5193B6



8B86B6



AC8461



869061



# Sweetspot

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



5193B6



C5DFED



51B673



607078



F7F7F7



787878



# Same Dimension

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



5193B6



4EB6ED



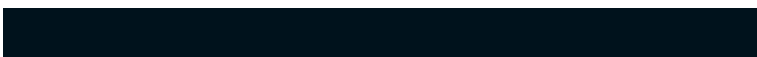
5162B6



53595C



00669C



00121C



# Inverse Universe

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



B65193



ED4EB6



B6A551



5C5359



9C0066



1C0012



# Previews

## White Background



This preview shows how the Hex color 5193B6 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



This preview shows how the Hex color 5193B6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

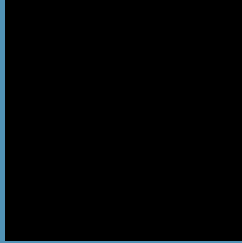
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5193B6 Background



This preview shows how black text looks on a background with the Hex color 5193B6.

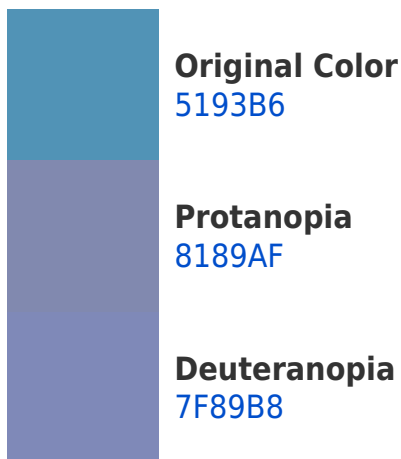


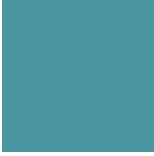
This preview shows how white text looks on a background with the Hex color 5193B6.

# 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](#).

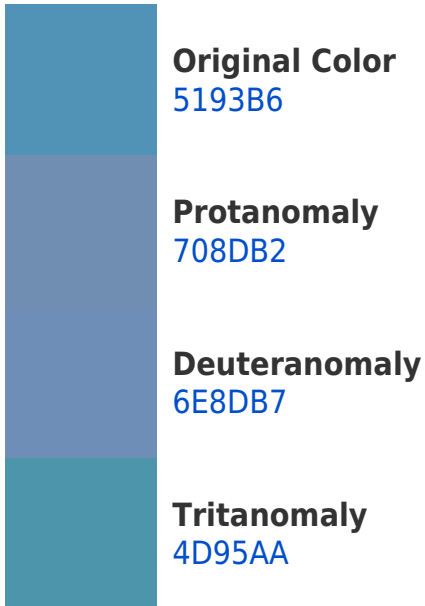
## Dichromacy





**Tritanopia**  
4A96A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5193B6 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 #5193B6 looks like.

```
.text, #text, p{  
    color:#5193B6  
}
```

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 #5193B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5193B6
}
```

## Border

The CSS property to change the border of an element to Hex 5193B6 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
#5193B6 }
```

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

```
.border{ border-color:#5193B6 }
```

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

Here you see how a box with a 4 pixel #5193B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5193B6; -webkit-box-shadow:4px 4px  
4px 4px #5193B6; box-shadow:4px 4px 4px  
4px #5193B6 }
```

# Background

The CSS property to change the background color of an element to Hex 5193B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5193B6 }
```

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

```
.background{ background-color:#5193B6 }
```

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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