

# Converting Colors

Hex(5D91D1)

Have a look what the booklet for  
Hex(5D91D1) contains.

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# **Color**

**Hex(5D91D1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D91D1
RGB	93, 145, 209
RGB Percent	36%, 57%, 82%
CMY	0.6353, 0.4314, 0.1804
CMYK	0.56, 0.31, 0.00, 0.18
HSL	213°, 56%, 59%
HSV	213°, 56%, 82%
XYZ	26.1482, 27.1814, 64.1900
YIQ	136.7480, -51.5360, 8.8800

# Conversions

## Conversions Part 2

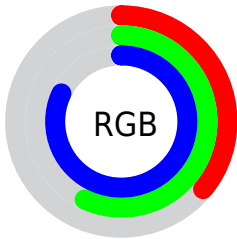
Format	Color
R <sub>Y</sub> B	93, 129, 209
Decimal	6132177
CIE Lab	59.14, 1.30, -38.14
CIE LCh	59, 38.167, 271.957
Yxy	27.1814, 0.2225, 0.2313
Android (android.graphics.Color)	4284322257 (0xFF5D91D1)
YUV	136.7480, 35.6202, -38.3670
Hunter-Lab	52.1358, -1.7126, -36.5032

# Details

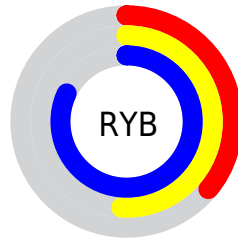
The Hex color **5D91D1** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **D19D5D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **96C7FF**, and **1B5F9A** is the 20% darker color. If you saturate the color by 10%, you get **4885D1**, and if you desaturate by 10%, it is **729DD1**.

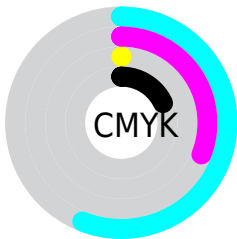
# Distribution



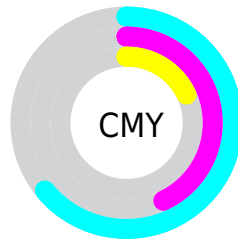
- Red (36%)
- Green (57%)
- Blue (82%)



- Red (36%)
- Yellow (51%)
- Blue (82%)



- Cyan (56%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (43%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D91D1 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 5D91D1 by changing the saturation by 10% instead.



■ 5D91D1

■ 5D91D1

FFFFFF

■ 3F77B5

■ 96C7FF

■ 1B5F9A

■ B3E3FF

■ 004880

■ D0FFFF

■ 003267

■ EEEFFF

■ 001D4E

■ 000537

■ 000221

■ 000005

■ 000000

■ 5D91D1

■ 5D91D1

■ 4885D1

■ 729DD1

■ 337AD1

■ 87A8D1

■ 1E6ED1

■ 9CB4D1

■ 0963D1

■ B1BFD1

■ 005ED1

■ C5CBD1

■ DAD6D1

■ EFE2D1

■ FFEDD1

■ FFF9D1

# Harmonies

## Analogous

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



009AC9



5D91D1



9485C7

# Triad

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



5D91D1



CD776D



559D6E

# Complementary

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



5D91D1



D19D5D

# 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.



7E9754



5D91D1



BD8154

# Square

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



5D91D1



CD738D



A18D4A



10A090

# Rectangle

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



5D91D1



AF7DB8



A18D4A



649B64

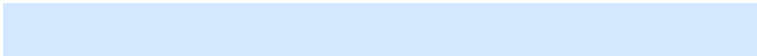


# Sweetspot

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



5D91D1



D4E7FF



5DD19D



667180



000000



808080



# Same Dimension

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



5D91D1



54A1FF



635DD1



5E6369



004BA8



001229



# Inverse Universe

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



D15D91



FF54A1



CBD15D



695E63



A8004B



290012



# Previews

## White Background



This preview shows how the Hex color 5D91D1 looks on a white background.

## Color Contrast Check

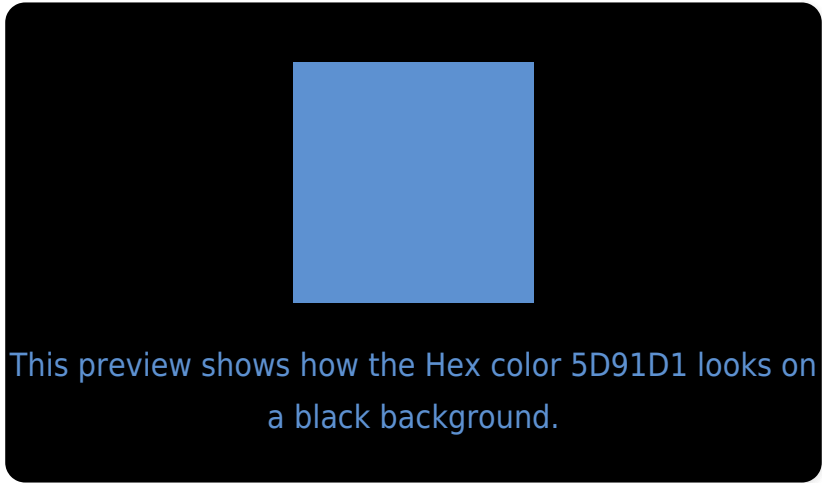
Large Text (above 18pt) WCAG AA ✓ Pass

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

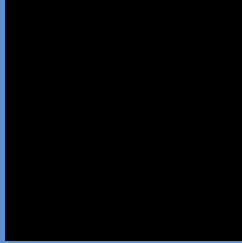
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

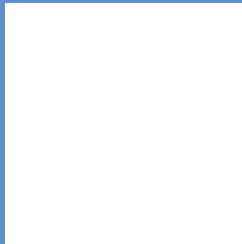
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D91D1 Background



This preview shows how black text looks on a background with the Hex color 5D91D1.

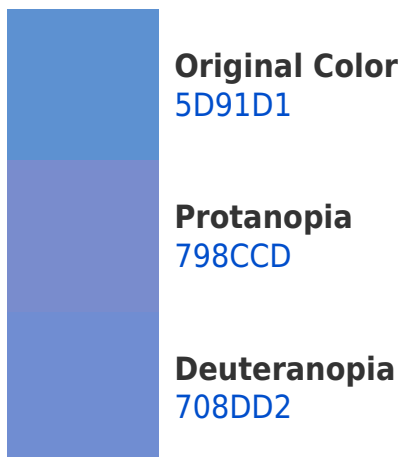


This preview shows how white text looks on a background with the Hex color 5D91D1.

# 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](#).

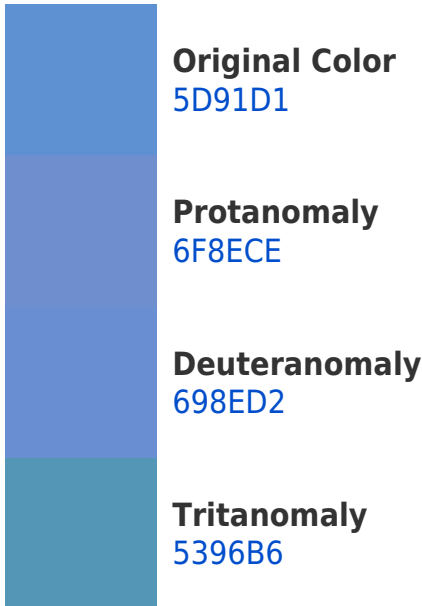
## Dichromacy



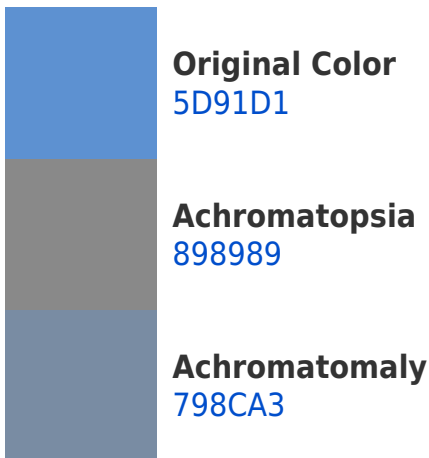


**Tritanopia**  
4D99A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D91D1 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 #5D91D1 looks like.

```
.text, #text, p{  
    color:#5D91D1  
}
```

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 #5D91D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D91D1
}
```

## Border

The CSS property to change the border of an element to Hex 5D91D1 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
#5D91D1 }
```

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

```
.border{ border-color:#5D91D1 }
```

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

Here you see how a box with a 4 pixel #5D91D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D91D1; -webkit-box-shadow:4px 4px  
4px 4px #5D91D1; box-shadow:4px 4px 4px  
4px #5D91D1 }
```

# Background

The CSS property to change the background color of an element to Hex 5D91D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D91D1 }
```

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

```
.background{ background-color:#5D91D1 }
```

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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