

# Converting Colors

Hex(5DA5C6)

Have a look what the booklet for  
Hex(5DA5C6) contains.

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# **Color**

**Hex(5DA5C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DA5C6
RGB	93, 165, 198
RGB Percent	36%, 65%, 78%
CMY	0.6353, 0.3529, 0.2235
CMYK	0.53, 0.17, 0.00, 0.22
HSL	199°, 48%, 57%
HSV	199°, 53%, 78%
XYZ	28.1624, 33.3146, 58.3721
YIQ	147.2340, -53.5050, -5.0010

# Conversions

## Conversions Part 2

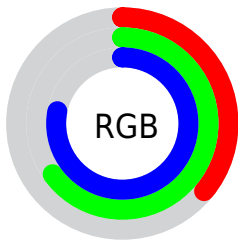
Format	Color
<b>R<sub>YB</sub></b>	93, 136, 198
Decimal	6137286
CIE <sub>Lab</sub>	64.41, -13.28, -23.83
CIE <sub>LCh</sub>	64, 27.277, 240.863
Yxy	33.3146, 0.2350, 0.2780
Android (android.graphics.Color)	4284327366 (0xFF5DA5C6)
YUV	147.2340, 25.0276, -47.5632
Hunter-Lab	57.7188, -13.9136, -19.5579

# Details

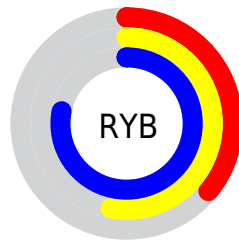
The Hex color **5DA5C6** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **C67E5D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **96DCFF**, and **1D7190** is the 20% darker color. If you saturate the color by 10%, you get **499FC6**, and if you desaturate by 10%, it is **71ABC6**.

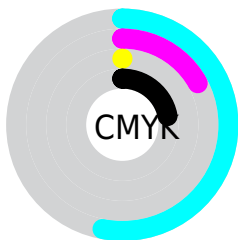
# Distribution



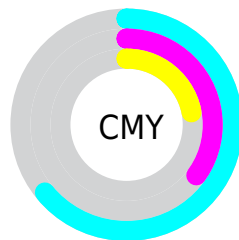
- Red (36%)
- Green (65%)
- Blue (78%)



- Red (36%)
- Yellow (53%)
- Blue (78%)



- Cyan (53%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (35%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DA5C6 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 5DA5C6 by changing the saturation by 10% instead.



■ 5DA5C6

■ 5DA5C6

FFFFFF

■ 408BAB

■ 96DCFF

■ 1D7190

■ B2F9FF

■ 005976

■ CFFFFF

■ 00415E

■ EDFFFF

■ 002B46

■ 00182F

■ 00011A

■ 000000

■ 5DA5C6

■ 5DA5C6

■ 499FC6

■ 71ABC6

■ 3599C6

■ 85B1C6

■ 2292C6

■ 98B8C6

■ 0E8CC6

■ ACBEC6

■ 0088C6

■ C0C4C6

■ D4CAC6

■ E8D1C6

■ FBD7C6

■ FFDDC6

# Harmonies

## Analogous

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



4FA9B4



5DA5C6



7E9ECC

# Triad

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



5DA5C6



CB8A9C



93A272

# Complementary

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



5DA5C6



C67E5D

# 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.



AD9B6B



5DA5C6



CC8C84

# Square

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



5DA5C6



BC8EB4



C19372



77A784

# Rectangle

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



5DA5C6



9599C9



C19372



9CA06E

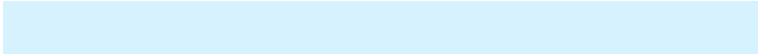


# Sweetspot

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



5DA5C6



D6F2FF



5DC67D



677880



000000



808080



# Same Dimension

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



5DA5C6



5CCCFE



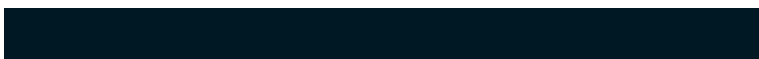
5D72C6



5A6063



0070A3



001824



# Inverse Universe

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



C65DA5



FF5CCC



C6B15D



635A60



A30070

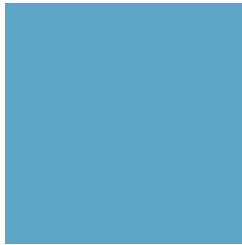


240018



# Previews

## White Background



This preview shows how the Hex color 5DA5C6 looks on a white background.

## Color Contrast Check

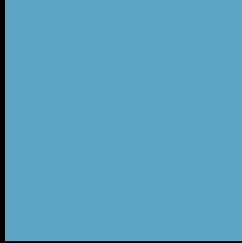
Large Text (above 18pt) WCAG AA × Fail

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 5DA5C6 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 ✓ Pass

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



## Hex 5DA5C6 Background



This preview shows how black text looks on a background with the Hex color 5DA5C6.

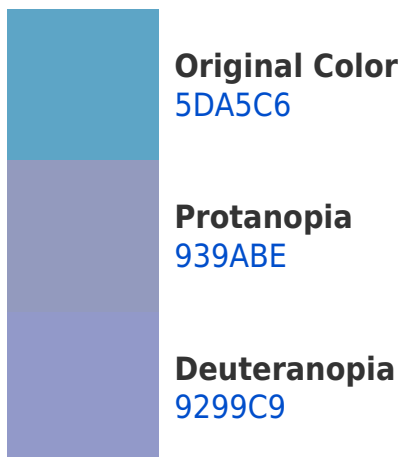


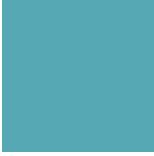
This preview shows how white text looks on a background with the Hex color 5DA5C6.

# 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](#).

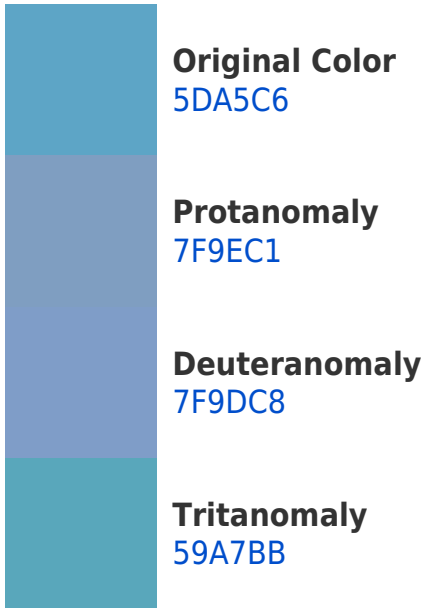
## Dichromacy



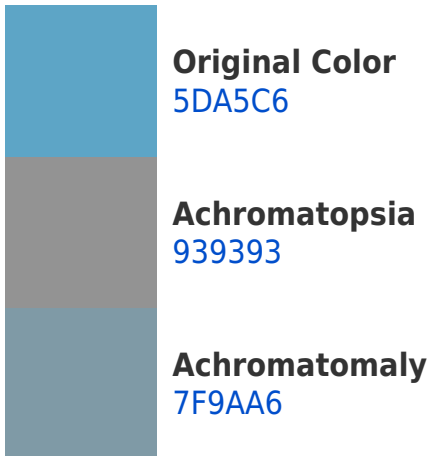


**Tritanopia**  
57A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DA5C6 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 #5DA5C6 looks like.

```
.text, #text, p{  
    color:#5DA5C6  
}
```

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 #5DA5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA5C6
}
```

## Border

The CSS property to change the border of an element to Hex 5DA5C6 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
#5DA5C6 }
```

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

```
.border{ border-color:#5DA5C6 }
```

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

Here you see how a box with a 4 pixel #5DA5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA5C6; -webkit-box-shadow:4px 4px  
4px 4px #5DA5C6; box-shadow:4px 4px 4px  
4px #5DA5C6 }
```

# Background

The CSS property to change the background color of an element to Hex 5DA5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA5C6 }
```

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

```
.background{ background-color:#5DA5C6 }
```

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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