

# Converting Colors

Hex(5CA0D4)

Have a look what the booklet for  
Hex(5CA0D4) contains.

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# **Color**

**Hex(5CA0D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA0D4
RGB	92, 160, 212
RGB Percent	36%, 63%, 83%
CMY	0.6392, 0.3725, 0.1686
CMYK	0.57, 0.25, 0.00, 0.17
HSL	206°, 58%, 60%
HSV	206°, 57%, 83%
XYZ	28.8681, 32.1704, 66.9753
YIQ	145.5960, -57.2200, 1.7560

# Conversions

## Conversions Part 2

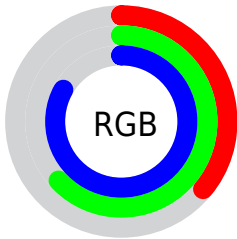
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 135, 212
Decimal	6070484
CIE <sub>Lab</sub>	63.48, -6.51, -33.05
CIE <sub>LCh</sub>	63, 33.685, 258.865
Yxy	32.1704, 0.2255, 0.2513
Android (android.graphics.Color)	4284260564 (0xFF5CA0D4)
YUV	145.5960, 32.7372, -47.0037
Hunter-Lab	56.7189, -8.4074, -30.3081

# Details

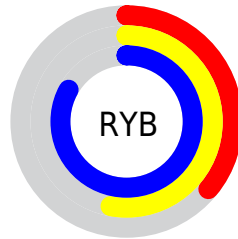
The Hex color **5CA0D4** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **D4905C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **96D7FF**, and **166D9D** is the 20% darker color. If you saturate the color by 10%, you get **4797D4**, and if you desaturate by 10%, it is **71A9D4**.

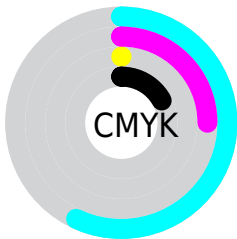
# Distribution



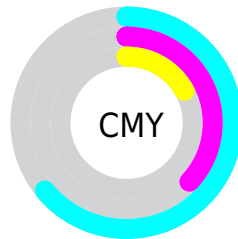
- Red (36%)
- Green (63%)
- Blue (83%)



- Red (36%)
- Yellow (53%)
- Blue (83%)



- Cyan (57%)
- Magenta (25%)
- Yellow (0%)
- Black (17%)



- Cyan (64%)
- Magenta (37%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CA0D4 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 5CA0D4 by changing the saturation by 10% instead.



■ 5CA0D4

■ 5CA0D4

FFFFFF

■ 3D86B8

■ 96D7FF

■ 166D9D

■ B3F3FF

■ 005583

■ D0FFFF

■ 003E69

■ EEEFFF

■ 002851

■ 00143A

■ 000224

■ 00000B

■ 000000

■ 5CA0D4

■ 5CA0D4

■ 4797D4

■ 71A9D4

■ 328ED4

■ 86B2D4

■ 1C84D4

■ 9CBCD4

■ 077BD4

■ B1C5D4

■ 0078D4

■ C6CED4

■ DBD7D4

■ F0E0D4

■ FFE9D4

■ FFF3D4

# Harmonies

## Analogous

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



2CA7C6



5CA0D4



8D96D2

# Triad

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



5CA0D4



D58388



78A571

# Complementary

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



5CA0D4



D4905C

# 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.



9B9E60



5CA0D4



CC8A6E

# Square

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



5CA0D4



CD84A6



B8945F



52A98D

# Rectangle

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



5CA0D4



A98FC9



B8945F



84A36A

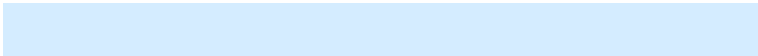


# Sweetspot

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



5CA0D4



D4ECFF



5CD490



667480



000000



808080



# Same Dimension

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



5CA0D4



52B4FF



5C64D4



60666B



0061AB



00192B



# Inverse Universe

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



D45CA0



FF52B4



D4CC5C



6B6066



AB0061



2B0019



# Previews

## White Background



This preview shows how the Hex color 5CA0D4 looks on a white background.

## Color Contrast Check

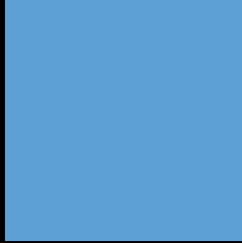
Large Text (above 18pt) WCAG AA × Fail

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 5CA0D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

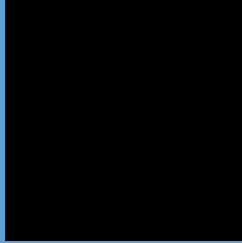
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CA0D4 Background



This preview shows how black text looks on a background with the Hex color 5CA0D4.

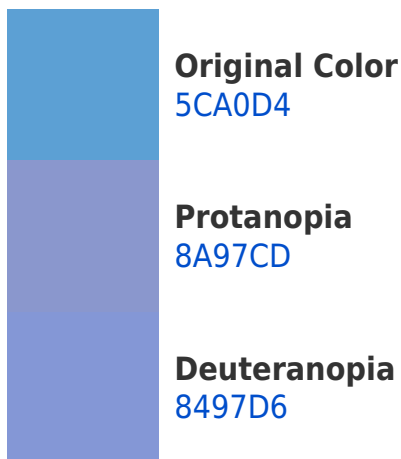


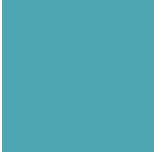
This preview shows how white text looks on a background with the Hex color 5CA0D4.

# 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](#).

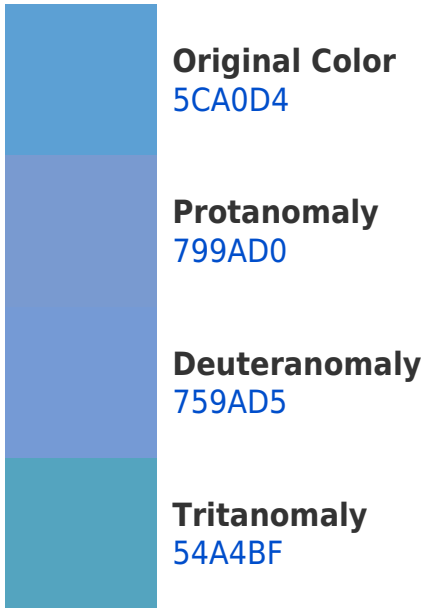
## Dichromacy



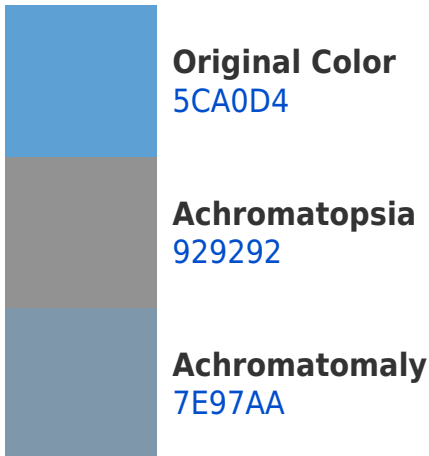


**Tritanopia**  
4FA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CA0D4 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 #5CA0D4 looks like.

```
.text, #text, p{  
    color:#5CA0D4  
}
```

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 #5CA0D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA0D4
}
```

## Border

The CSS property to change the border of an element to Hex 5CA0D4 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
#5CA0D4 }
```

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

```
.border{ border-color:#5CA0D4 }
```

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

Here you see how a box with a 4 pixel #5CA0D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA0D4; -webkit-box-shadow:4px 4px  
4px 4px #5CA0D4; box-shadow:4px 4px 4px  
4px #5CA0D4 }
```

# Background

The CSS property to change the background color of an element to Hex 5CA0D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA0D4 }
```

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

```
.background{ background-color:#5CA0D4 }
```

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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