

# Converting Colors

Hex(59CFD8)

Have a look what the booklet for  
Hex(59CFD8) contains.

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**Color**

**Hex(59CFD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59CFD8
RGB	89, 207, 216
RGB Percent	35%, 81%, 85%
CMY	0.6510, 0.1882, 0.1529
CMYK	0.59, 0.04, 0.00, 0.15
HSL	184°, 62%, 60%
HSV	184°, 59%, 85%
XYZ	38.8273, 51.7074, 72.8999
YIQ	172.7440, -73.2170, -22.2170

# Conversions

## Conversions Part 2

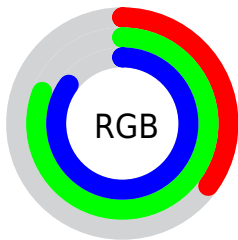
Format	Color
R <sub>Y</sub> B	89, 150, 216
Decimal	5885912
CIE Lab	77.11, -30.32, -14.44
CIE LCh	77, 33.583, 205.464
Yxy	51.7074, 0.2376, 0.3164
Android (android.graphics.Color)	4284075992 (0xFF59CFD8)
YUV	172.7440, 21.3252, -73.4435
Hunter-Lab	71.9078, -29.4559, -9.7725

# Details

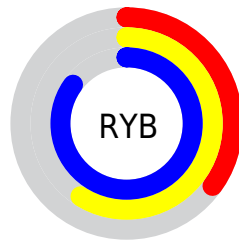
The Hex color **59CFD8** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D86259**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **96FFFF**, and **0098A1** is the 20% darker color. If you saturate the color by 10%, you get **43CDD8**, and if you desaturate by 10%, it is **6FD1D8**.

# Distribution



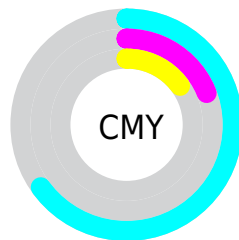
- Red (35%)
- Green (81%)
- Blue (85%)



- Red (35%)
- Yellow (59%)
- Blue (85%)



- Cyan (59%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (19%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59CFD8 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 59CFD8 by changing the saturation by 10% instead.



 59CFD8

 59CFD8

FFFFFF

 36B3BC

 96FFFF

 0098A1

 B4FFFF

 007E87

 D2FFFF

 00656E

 F1FFFF

 004C55

 00353E

 002128

 000114

 000000

 59CFD8

 59CFD8

 43CDD8

 6FD1D8

 2ECCD8

 84D2D8

 18CAD8

 9AD4D8

 03C9D8

 AFD5D8

 00C9D8

 C5D7D8

 DBD8D8

 F0DAD8

 FFDBD8

 FFDDD8

# Harmonies

## Analogous

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



71CFB8



59CFD8



65CBF1

# Triad

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



59CFD8



E2AEE2



D9BB80

# Complementary

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



59CFD8



D86259

# 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.



F1B08C



59CFD8



F8A7C4

# Square

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



59CFD8



BCB8F6



FCA9A5



B8C586

# Rectangle

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



59CFD8



7FC6FA



FCA9A5



E2B783



# Sweetspot

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



59CFD8



D1FCFF



59D861



637E80



000000



808080



# Same Dimension

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



59CFD8



4AF2FF



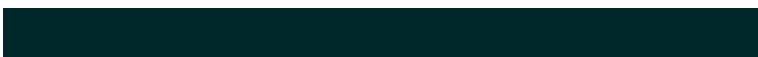
5990D8



606A6B



009FAB



00282B



# Inverse Universe

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



D859CF



FF4AF2



D8A159



6B606A



AB009F

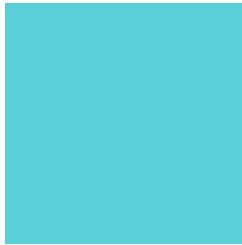


2B0028



# Previews

## White Background



This preview shows how the Hex color 59CFD8 looks on a white background.

## Color Contrast Check

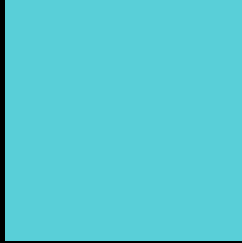
Large Text (above 18pt) WCAG AA × Fail

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 59CFD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

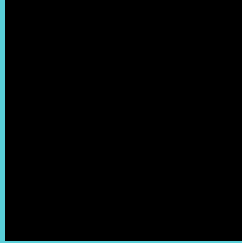
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59CFD8 Background



This preview shows how black text looks on a background with the Hex color 59CFD8.

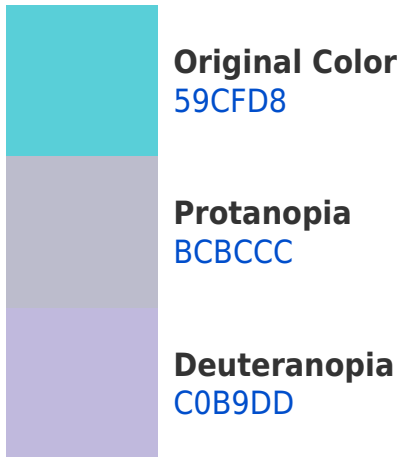


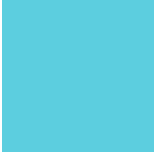
This preview shows how white text looks on a background with the Hex color 59CFD8.

# 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





# Trichromacy



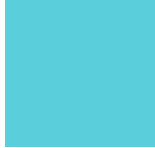
**Original Color**  
59CFD8



**Protanomaly**  
98C3D0



**Deuteranomaly**  
9BC1DB

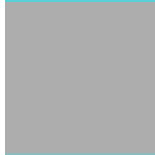


**Tritanomaly**  
5BCEDC

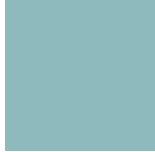
# Monochromacy



**Original Color**  
59CFD8



**Achromatopsia**  
ADADAD



**Achromatomaly**  
8EB9BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59CFD8 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 #59CFD8 looks like.

```
.text, #text, p{  
    color:#59CFD8  
}
```

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 #59CFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59CFD8
}
```

## Border

The CSS property to change the border of an element to Hex 59CFD8 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
#59CFD8 }
```

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

```
.border{ border-color:#59CFD8 }
```

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

Here you see how a box with a 4 pixel #59CFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59CFD8; -webkit-box-shadow:4px 4px  
4px 4px #59CFD8; box-shadow:4px 4px 4px  
4px #59CFD8 }
```

# Background

The CSS property to change the background color of an element to Hex 59CFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59CFD8 }
```

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

```
.background{ background-color:#59CFD8 }
```

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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