

Converting Colors

Hex(59DFC8)

Have a look what the booklet for
Hex(59DFC8) contains.

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Color

Hex(59DFC8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 59DFC8 |
| RGB | 89, 223, 200 |
| RGB Percent | 35%, 87%, 78% |
| CMY | 0.6510, 0.1255, 0.2157 |
| CMYK | 0.60, 0.00, 0.10, 0.13 |
| HSL | 170°, 68%, 61% |
| HSV | 170°, 60%, 87% |
| XYZ | 40.9328, 59.0693, 63.8877 |
| YIQ | 180.3120, -72.4810, -35.5610 |

Conversions

Conversions Part 2

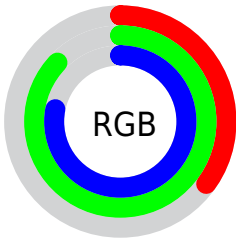
| Format | Color |
|-------------------------------------|--|
| RYB | 89, 162, 223 |
| Decimal | 5889992 |
| CIELab | 81.33, -41.94, 0.37 |
| CIELCh | 81, 41.941, 179.489 |
| Yxy | 59.0693, 0.2498, 0.3604 |
| Android (android.graphics.Color) | 4284080072 (0xFF59DFC8) |
| YUV | 180.3120, 9.7062, -80.0806 |
| Hunter-Lab | 76.8566, -39.4322, 4.5143 |

Details

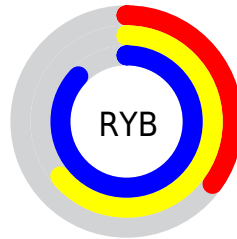
The Hex color **59DFC8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF5970**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **97FFFF**, and **00A792** is the 20% darker color. If you saturate the color by 10%, you get **43DFC4**, and if you desaturate by 10%, it is **6FDFCC**.

Distribution



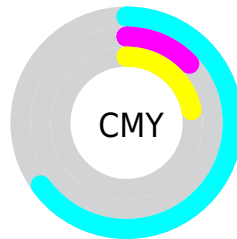
- Red (35%)
- Green (87%)
- Blue (78%)



- Red (35%)
- Yellow (64%)
- Blue (87%)



- Cyan (60%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (65%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59DFC8 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 59DFC8 by changing the saturation by 10% instead.

 59DFC8

 59DFC8

FFFFFF

 36C3AD

 97FFFF

 00A792

 B5FFFF

 008C78

 D3FFFF

 007260

 F2FFFF

 005948

 004032

 002A1D

 000904

 000000

 59DFC8

 59DFC8

 43DFC4

 6FDFCC

 2CDFC0

 86DFD0

 16DFBD

 9CDFD3

 00DFB9

 B2DFD7

 C9DFDB

 DFD FDF

 F5DFE3

 FFD FE7

 FFD FEA

Harmonies

Analogous

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



8DDBA1



59DFC8



29DEEF

Triad

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



59DFC8



CEC0FF



FFBA87

Complementary

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



59DFC8



DF5970

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.



FFAFA5



59DFC8



FBB3F3

Square

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



59DFC8



90CEFF



FFACCC



E5C77B

Rectangle

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



59DFC8



38DBFF



FFACCC



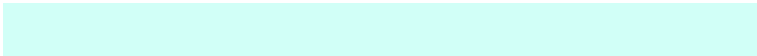
FFB690

Sweetspot

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



59DFC8



D1FFF7



72DF59



63807B



000000



808080

Same Dimension

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



59DFC8



47FFDF



59B5DF



65706E



00B092



003028

Inverse Universe

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



DF5970



FF4767



DF8359



706567



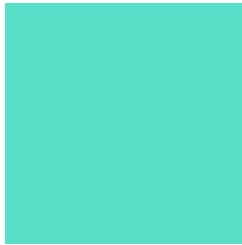
B0001E



300008

Previews

White Background



This preview shows how the Hex color 59DFC8 looks on a white background.

Color Contrast Check

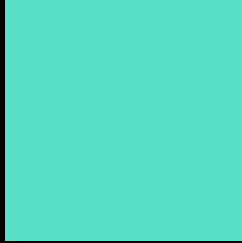
Large Text (above 18pt) WCAG AA × Fail

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 59DFC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

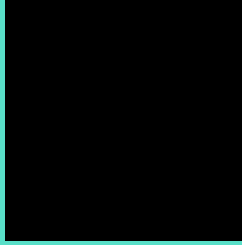
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

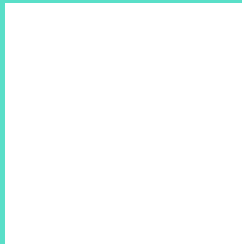
Any Text WCAG AAA ✓ Pass

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

Hex 59DFC8 Background



This preview shows how black text looks on a background with the Hex color 59DFC8.



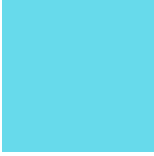
This preview shows how white text looks on a background with the Hex color 59DFC8.

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



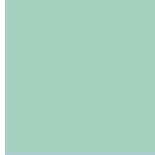


Tritanopia
67DAEB

Trichromacy



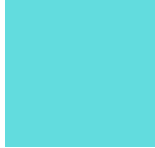
Original Color
59DFC8



Protanomaly
A4D0C0



Deuteranomaly
AACDCC

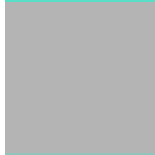


Tritanomaly
62DCDE

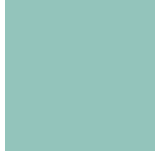
Monochromacy



Original Color
59DFC8



Achromatopsia
B4B4B4



Achromatomaly
93C4BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 59DFC8 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 #59DFC8 looks like.

```
.text, #text, p{  
    color:#59DFC8  
}
```

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 #59DFC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59DFC8
}
```

Border

The CSS property to change the border of an element to Hex 59DFC8 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
#59DFC8 }
```

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

```
.border{ border-color:#59DFC8 }
```

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

Here you see how a box with a 4 pixel #59DFC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59DFC8; -webkit-box-shadow:4px 4px  
4px 4px #59DFC8; box-shadow:4px 4px 4px  
4px #59DFC8 }
```

Background

The CSS property to change the background color of an element to Hex 59DFC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59DFC8 }
```

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

```
.background{ background-color:#59DFC8 }
```

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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