

Converting Colors

Hex(58ACDF)

Have a look what the booklet for
Hex(58ACDF) contains.

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Color

Hex(58ACDF)

Conversions

Conversions Part 1

Format	Color
Hex	58ACDF
RGB	88, 172, 223
RGB Percent	35%, 67%, 87%
CMY	0.6549, 0.3255, 0.1255
CMYK	0.61, 0.23, 0.00, 0.13
HSL	203°, 68%, 61%
HSV	203°, 61%, 87%
XYZ	32.0963, 36.9075, 75.2442
YIQ	152.6980, -66.4350, -1.9470

Conversions

Conversions Part 2

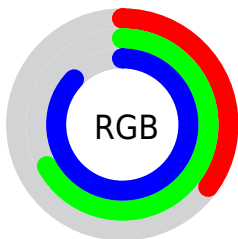
Format	Color
R _Y B	88, 140, 223
Decimal	5811423
CIE Lab	67.21, -10.47, -33.36
CIE LCh	67, 34.964, 252.577
Yxy	36.9075, 0.2225, 0.2559
Android (android.graphics.Color)	4284001503 (0xFF58ACDF)
YUV	152.6980, 34.6589, -56.7401
Hunter-Lab	60.7515, -12.0098, -30.9080

Details

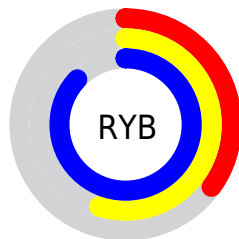
The Hex color **58ACDF** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **DF8B58**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **94E3FF**, and **0078A8** is the 20% darker color. If you saturate the color by 10%, you get **42A4DF**, and if you desaturate by 10%, it is **6EB4DF**.

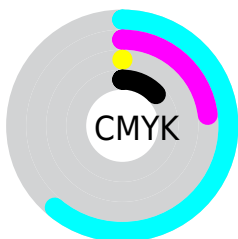
Distribution



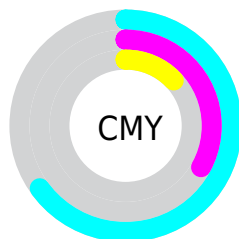
- Red (35%)
- Green (67%)
- Blue (87%)



- Red (35%)
- Yellow (55%)
- Blue (87%)



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58ACDF 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 58ACDF by changing the saturation by 10% instead.

■ 58ACDF

■ 58ACDF

FFFFFF

■ 3691C3

■ 94E3FF

■ 0078A8

■ B2FFFF

■ 005F8D

■ CFFFFFF

■ 004873

■ EFFFFFF

■ 00315A

■ 001D43

■ 00032C

■ 000117

■ 000000

■ 58ACDF

■ 58ACDF

■ 42A4DF

■ 6EB4DF

■ 2B9BDF

■ 85BDDF

■ 1593DF

■ 9BC5DF

■ 008BDF

■ B1CEDF

■ C8D6DF

■ DEDFDF

■ F4E7DF

■ FFEFDF

■ FFF8DF

Harmonies

Analogous

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



2CB2CD



58ACDF



8CA2E1

Triad

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



58ACDF



E18B97



89AE74

Complementary

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



58ACDF



DF8B58

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.



ABA665



58ACDF



DC917A

Square

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



58ACDF



D68EB7



C99B68



62B390

Rectangle

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



58ACDF



AB9AD9



C99B68



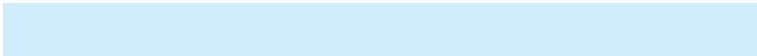
95AC6E

Sweetspot

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



58ACDF



D1EEFF



58DF8A



637580



000000



808080

Same Dimension

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



58ACDF



45B9FF



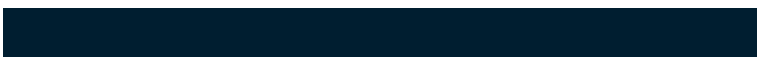
586ADF



656C70



006DB0



001E30

Inverse Universe

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



DF58AC



FF45B9



DFCD58



70656C



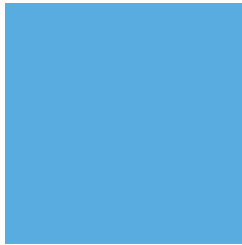
B0006D



30001E

Previews

White Background



This preview shows how the Hex color 58ACDF looks on a white background.

Color Contrast Check

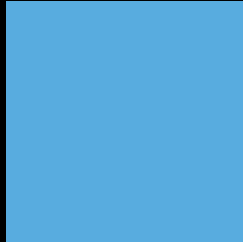
Large Text (above 18pt) WCAG AA × Fail

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 58ACDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

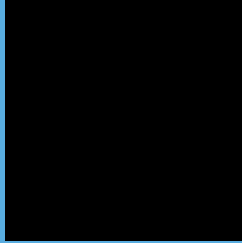
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

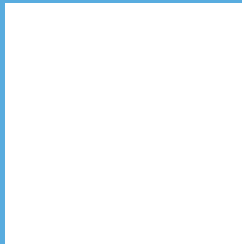
Any Text WCAG AAA ✓ Pass

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

Hex 58ACDF Background



This preview shows how black text looks on a background with the Hex color 58ACDF.

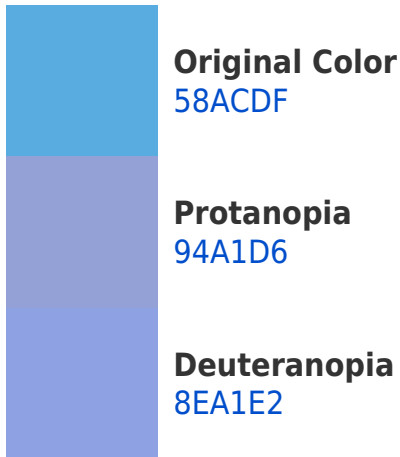


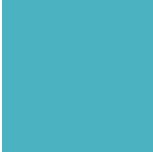
This preview shows how white text looks on a background with the Hex color 58ACDF.

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](#).

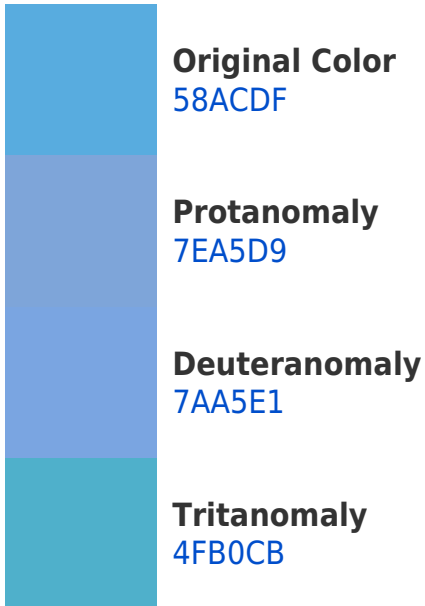
Dichromacy



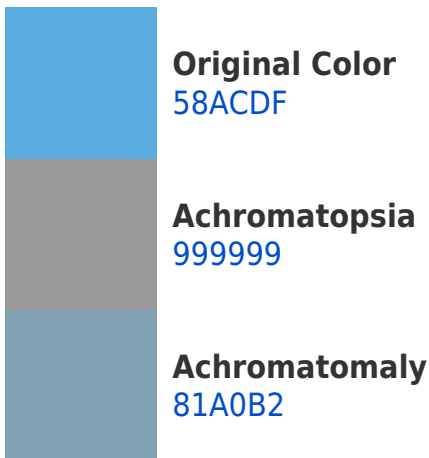


Tritanopia
4AB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58ACDF 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 #58ACDF looks like.

```
.text, #text, p{  
    color:#58ACDF  
}
```

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 #58ACDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58ACDF
}
```

Border

The CSS property to change the border of an element to Hex 58ACDF 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
#58ACDF }
```

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

```
.border{ border-color:#58ACDF }
```

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

Here you see how a box with a 4 pixel #58ACDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58ACDF; -webkit-box-shadow:4px 4px  
4px 4px #58ACDF; box-shadow:4px 4px 4px  
4px #58ACDF }
```

Background

The CSS property to change the background color of an element to Hex 58ACDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58ACDF }
```

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

```
.background{ background-color:#58ACDF }
```

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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