

Converting Colors

Hex(57CCEF)

Have a look what the booklet for
Hex(57CCEF) contains.

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Color

Hex(57CCEF)

Conversions

Conversions Part 1

Format	Color
Hex	57CCEF
RGB	87, 204, 239
RGB Percent	34%, 80%, 94%
CMY	0.6588, 0.2000, 0.0627
CMYK	0.64, 0.15, 0.00, 0.06
HSL	194°, 83%, 64%
HSV	194°, 64%, 94%
XYZ	41.1033, 51.4440, 89.4247
YIQ	173.0070, -80.9670, -13.9190

Conversions

Conversions Part 2

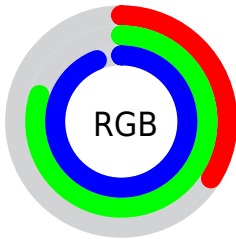
Format	Color
R _Y B	87, 153, 239
Decimal	5754095
CIE Lab	76.95, -22.53, -27.04
CIE LCh	77, 35.195, 230.206
Yxy	51.4440, 0.2259, 0.2827
Android (android.graphics.Color)	4283944175 (0xFF57CCEF)
YUV	173.0070, 32.5345, -75.4281
Hunter-Lab	71.7244, -23.2243, -23.7145

Details

The Hex color **57CCEF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **EF7A57**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **97FFFF**, and **0096B7** is the 20% darker color. If you saturate the color by 10%, you get **3FC6EF**, and if you desaturate by 10%, it is **6FD2EF**.

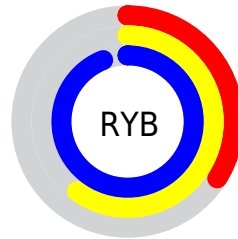
Distribution



Red (34%)

Green (80%)

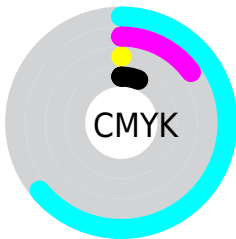
Blue (94%)



Red (34%)

Yellow (60%)

Blue (94%)

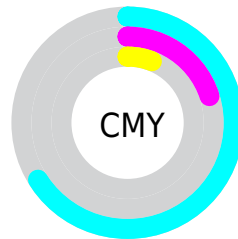


Cyan (64%)

Magenta (15%)

Yellow (0%)

Black (6%)



Cyan (66%)

Magenta (20%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57CCEF 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 57CCEF by changing the saturation by 10% instead.

■ 57CCEF

■ 57CCEF

FFFFFF

■ 31B0D3

■ 97FFFF

■ 0096B7

■ B5FFFF

■ 007C9C

■ D4FFFF

■ 006382

■ F2FFFF

■ 004A69

■ 003450

■ 002039

■ 000224

■ 00000B

■ 57CCEF

■ 57CCEF

■ 3FC6EF

■ 6FD2EF

■ 27C1EF

■ 87D7EF

■ 0FBBEF

■ 9FDDEF

■ 00B8EF

■ B7E2EF

■ CEE8EF

■ E6EDEF

■ FEF3EF

■ FFF8EF

■ FFFEEF

Harmonies

Analogous

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



53D0D3



57CCEF



81C4FE

Triad

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



57CCEF



F7A6CA



BEC380

Complementary

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



57CCEF



EF7A57

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.



DEB87E



57CCEF



FFA6A9

Square

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



57CCEF



DDAEE8



F5AD8D



99CB93

Rectangle

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



57CCEF



A3BDFE



F5AD8D



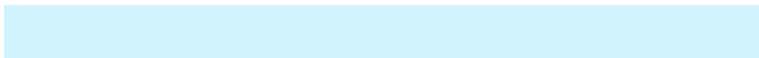
C9C07D

Sweetspot

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



57CCEF



CFF4FF



57EF78



627980



000000



808080

Same Dimension

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



57CCEF



3DD2FF



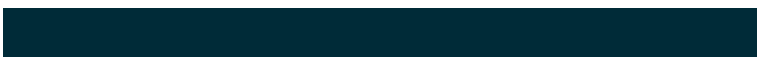
5782EF



6C7578



008DB8



002B38

Inverse Universe

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



EF57CC



FF3DD2



EFC457



786C75



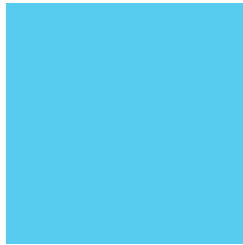
B8008D



38002B

Previews

White Background



This preview shows how the Hex color 57CCEF looks on a white background.

Color Contrast Check

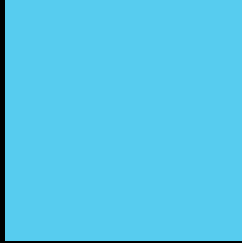
Large Text (above 18pt) WCAG AA × Fail

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 57CCEF 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 57CCEF Background



This preview shows how black text looks on a background with the Hex color 57CCEF.

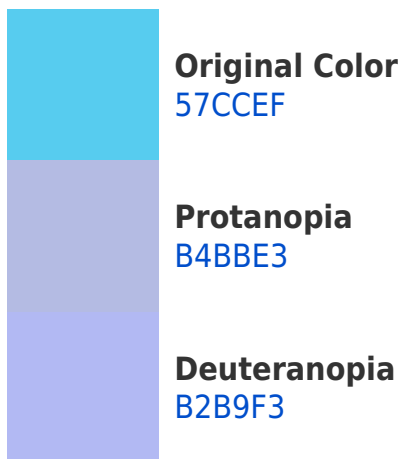


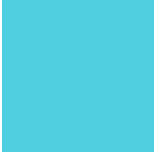
This preview shows how white text looks on a background with the Hex color 57CCEF.

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](#).

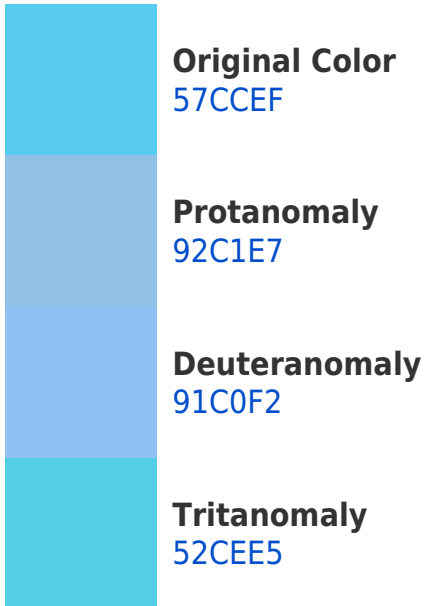
Dichromacy



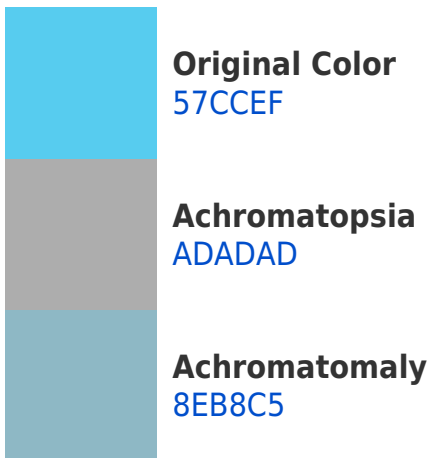


Tritanopia
4FCDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57CCEF 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 #57CCEF looks like.

```
.text, #text, p{  
    color:#57CCEF  
}
```

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 #57CCEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57CCEF
}
```

Border

The CSS property to change the border of an element to Hex 57CCEF 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
#57CCEF }
```

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

```
.border{ border-color:#57CCEF }
```

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

Here you see how a box with a 4 pixel #57CCEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57CCEF; -webkit-box-shadow:4px 4px  
4px 4px #57CCEF; box-shadow:4px 4px 4px  
4px #57CCEF }
```

Background

The CSS property to change the background color of an element to Hex 57CCEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57CCEF }
```

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

```
.background{ background-color:#57CCEF }
```

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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