

Converting Colors

Hex(5FC9ED)

Have a look what the booklet for
Hex(5FC9ED) contains.

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Color

Hex(5FC9ED)

Conversions

Conversions Part 1

Format	Color
Hex	5FC9ED
RGB	95, 201, 237
RGB Percent	37%, 79%, 93%
CMY	0.6275, 0.2118, 0.0706
CMYK	0.60, 0.15, 0.00, 0.07
HSL	195°, 80%, 65%
HSV	195°, 60%, 93%
XYZ	40.8920, 50.3206, 87.6784
YIQ	173.4100, -74.7320, -11.2760

Conversions

Conversions Part 2

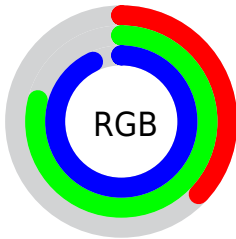
Format	Color
RYB	95, 156, 237
Decimal	6277613
CIELab	76.27, -20.24, -26.99
CIElCh	76, 33.735, 233.137
Yxy	50.3206, 0.2286, 0.2813
Android (android.graphics.Color)	4284467693 (0xFF5FC9ED)
YUV	173.4100, 31.3499, -68.7656
Hunter-Lab	70.9370, -21.2425, -23.6267

Details

The Hex color **5FC9ED** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **ED835F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9CFFFF**, and **0293B5** is the 20% darker color. If you saturate the color by 10%, you get **47C3ED**, and if you desaturate by 10%, it is **77CFED**.

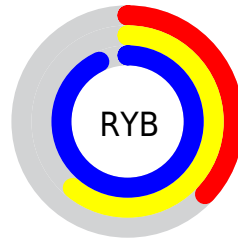
Distribution



Red (37%)

Green (79%)

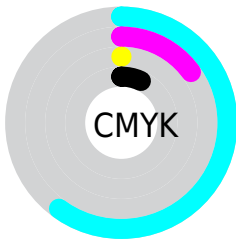
Blue (93%)



Red (37%)

Yellow (61%)

Blue (93%)

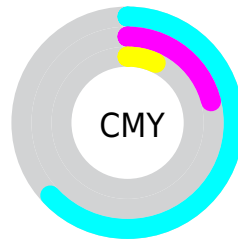


Cyan (60%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (63%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC9ED 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 5FC9ED by changing the saturation by 10% instead.

■ 5FC9ED

■ 5FC9ED

FFFFFF

■ 3DAED1

■ 9CFFFF

■ 0293B5

■ BBFFFF

■ 00799A

■ D9FFFF

■ 006080

■ F7FFFF

■ 004867

■ 00314F

■ 001E38

■ 000222

■ 000008

■ 5FC9ED

■ 5FC9ED

■ 47C3ED

■ 77CFED

■ 30BDED

■ 8ED5ED

■ 18B7ED

■ A6DBED

■ 00B1ED

■ BEE1ED

■ D5E7ED

■ EDEDED

■ FFF3ED

■ FFF9ED

■ FFFFED

Harmonies

Analogous

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



56CDD3



5FC9ED



88C1F9

Triad

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



5FC9ED



F4A5C5



B9C282

Complementary

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



5FC9ED



ED835F

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.



D8B87E



5FC9ED



FAA6A5

Square

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



5FC9ED



DDACE2



F0AD8B



95C996

Rectangle

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



5FC9ED



A7BAF8



F0AD8B



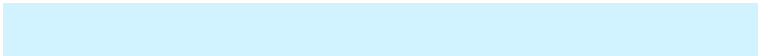
C4BF7F

Sweetspot

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



5FC9ED



D1F3FF



5FED83



637880



000000



808080

Same Dimension

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



5FC9ED



47D0FF



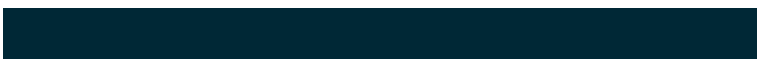
5F83ED



6A7275



0087B5



002836

Inverse Universe

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



ED5FC9



FF47D0



EDC95F



756A72



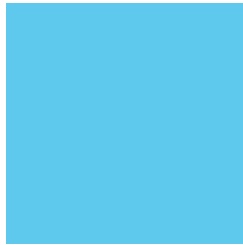
B50087



360028

Previews

White Background



This preview shows how the Hex color 5FC9ED looks on a white background.

Color Contrast Check

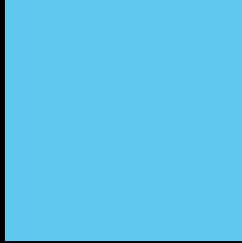
Large Text (above 18pt) WCAG AA × Fail

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 5FC9ED 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 5FC9ED Background



This preview shows how black text looks on a background with the Hex color 5FC9ED.

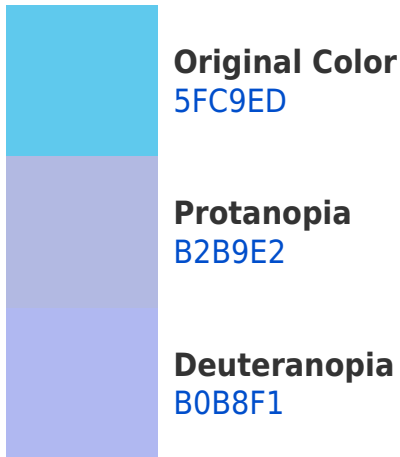


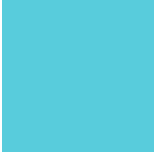
This preview shows how white text looks on a background with the Hex color 5FC9ED.

Color Blindness Simulation

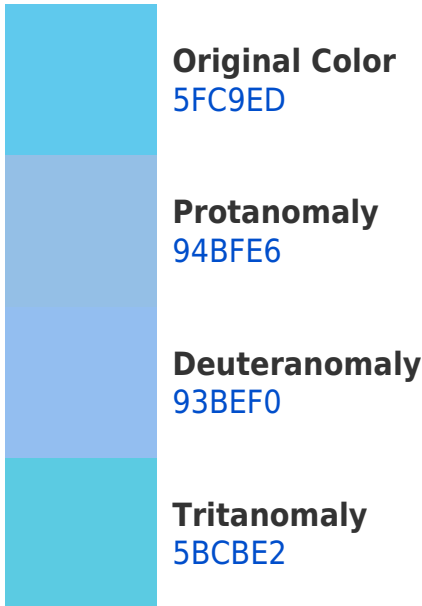
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

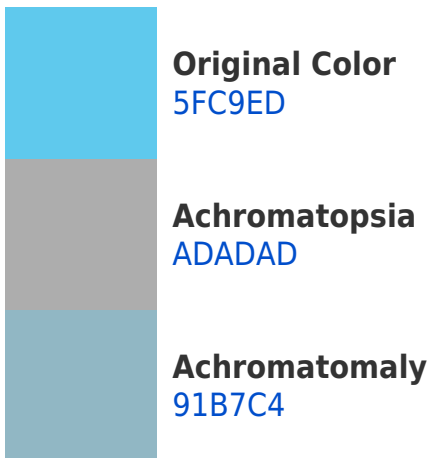




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC9ED 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 #5FC9ED looks like.

```
.text, #text, p{  
    color:#5FC9ED  
}
```

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 #5FC9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC9ED
}
```

Border

The CSS property to change the border of an element to Hex 5FC9ED 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
#5FC9ED }
```

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

```
.border{ border-color:#5FC9ED }
```

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

Here you see how a box with a 4 pixel #5FC9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC9ED; -webkit-box-shadow:4px 4px  
4px 4px #5FC9ED; box-shadow:4px 4px 4px  
4px #5FC9ED }
```

Background

The CSS property to change the background color of an element to Hex 5FC9ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC9ED }
```

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

```
.background{ background-color:#5FC9ED }
```

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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