

Converting Colors

Hex(57D0FB)

Have a look what the booklet for
Hex(57D0FB) contains.

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Color

Hex(57D0FB)

Conversions

Conversions Part 1

Format	Color
Hex	57D0FB
RGB	87, 208, 251
RGB Percent	34%, 82%, 98%
CMY	0.6588, 0.1843, 0.0157
CMYK	0.65, 0.17, 0.00, 0.02
HSL	196°, 95%, 66%
HSV	196°, 65%, 98%
XYZ	43.8989, 54.1030, 99.3960
YIQ	176.7230, -85.9190, -12.2790

Conversions

Conversions Part 2

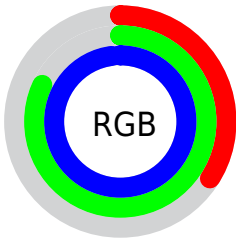
Format	Color
RYB	87, 157, 251
Decimal	5755131
CIELab	78.52, -20.93, -31.05
CIElCh	79, 37.441, 236.015
Yxy	54.1030, 0.2224, 0.2741
Android (android.graphics.Color)	4283945211 (0xFF57D0FB)
YUV	176.7230, 36.6186, -78.6871
Hunter-Lab	73.5548, -22.1885, -28.6314

Details

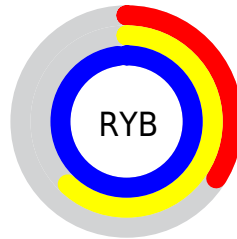
The Hex color **57D0FB** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FB8257**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **98FFFF**, and **0099C2** is the 20% darker color. If you saturate the color by 10%, you get **3EC9FB**, and if you desaturate by 10%, it is **70D7FB**.

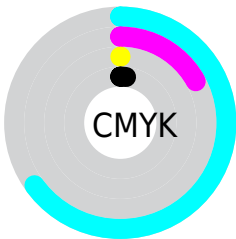
Distribution



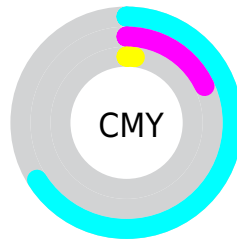
- Red (34%)
- Green (82%)
- Blue (98%)



- Red (34%)
- Yellow (62%)
- Blue (98%)



- Cyan (65%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (66%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57D0FB 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 57D0FB by changing the saturation by 10% instead.

 57D0FB

 57D0FB

FFFFFF

 2FB4DE

 98FFFF

 0099C2

 B7FFFF

 007FA7

 D6FFFF

 00668C

 F5FFFF

 004E73

 00375A

 002242

 00032C

 000117

■ 57D0FB

■ 57D0FB

■ 3EC9FB

■ 70D7FB

■ 25C3FB

■ 89DDFB

■ 0CBCFB

■ A2E4FB

■ 00B9FB

■ BBEAFB

■ D4F1FB

■ EEF7FB

■ FFFEFB

■ FFFFFB

Harmonies

Analogous

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



47D5E0



57D0FB



8BC7FF

Triad

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



57D0FB



FFA8C8



BBC983

Complementary

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



57D0FB



FB8257

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.



DEBF7D



57D0FB



FFAAA5

Square

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



57D0FB



EAAFEA



F9B38A



92D19A

Rectangle

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



57D0FB



AFBFFF



F9B38A



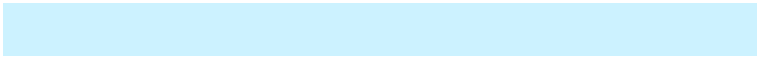
C7C67F

Sweetspot

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



57D0FB



CCF2FF



57FB80



617780



000000



808080

Same Dimension

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



57D0FB



38CBFF



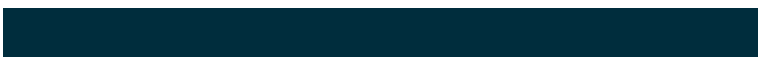
5780FB



707A7D



008BBD



002D3D

Inverse Universe

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



FB57D0



FF38CB



FBD257



7D707A



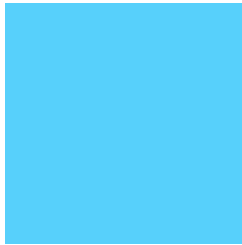
BD008B



3D002D

Previews

White Background



This preview shows how the Hex color 57D0FB looks on a white background.

Color Contrast Check

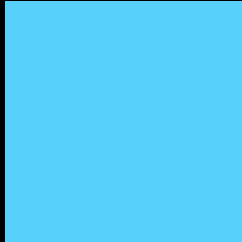
Large Text (above 18pt) WCAG AA × Fail

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 57D0FB 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

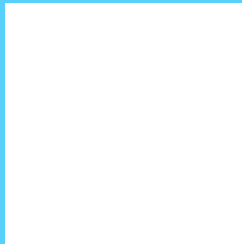
Any Text WCAG AAA ✓ Pass

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

Hex 57D0FB Background



This preview shows how black text looks on a background with the Hex color 57D0FB.

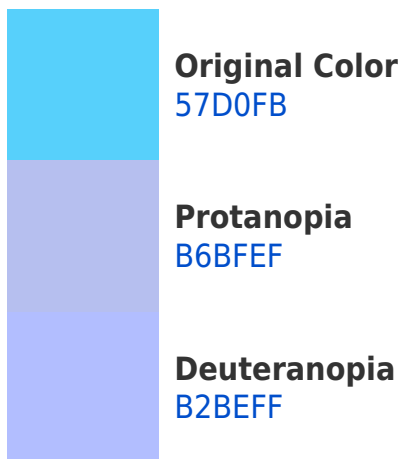


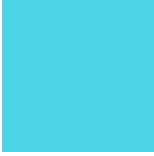
This preview shows how white text looks on a background with the Hex color 57D0FB.

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](#).

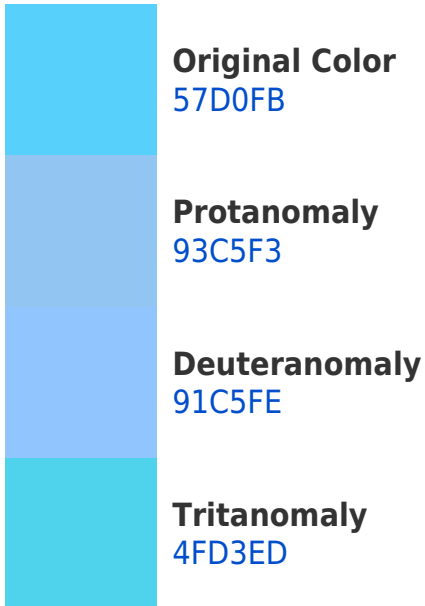
Dichromacy



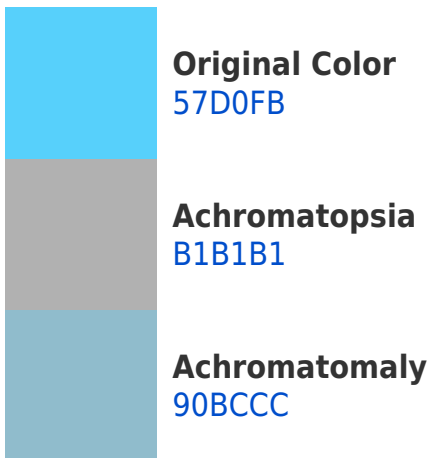


Tritanopia
4BD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57D0FB 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 #57D0FB looks like.

```
.text, #text, p{  
    color:#57D0FB  
}
```

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 #57D0FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D0FB
}
```

Border

The CSS property to change the border of an element to Hex 57D0FB 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
#57D0FB }
```

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

```
.border{ border-color:#57D0FB }
```

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

Here you see how a box with a 4 pixel #57D0FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D0FB; -webkit-box-shadow:4px 4px  
4px 4px #57D0FB; box-shadow:4px 4px 4px  
4px #57D0FB }
```

Background

The CSS property to change the background color of an element to Hex 57D0FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D0FB }
```

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

```
.background{ background-color:#57D0FB }
```

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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