

Converting Colors

Hex(55DCFB)

Have a look what the booklet for
Hex(55DCFB) contains.

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Color

Hex(55DCFB)

Conversions

Conversions Part 1

Format	Color
Hex	55DCFB
RGB	85, 220, 251
RGB Percent	33%, 86%, 98%
CMY	0.6667, 0.1373, 0.0157
CMYK	0.66, 0.12, 0.00, 0.02
HSL	191°, 95%, 66%
HSV	191°, 66%, 98%
XYZ	46.7521, 60.0827, 100.3998
YIQ	183.1690, -90.4110, -18.9790

Conversions

Conversions Part 2

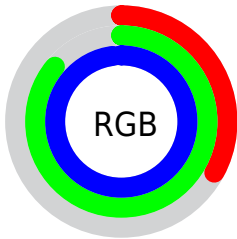
Format	Color
RYB	85, 159, 251
Decimal	5627131
CIELab	81.88, -27.22, -25.90
CIELCh	82, 37.573, 223.579
Yxy	60.0827, 0.2256, 0.2899
Android (android.graphics.Color)	4283817211 (0xFF55DCFB)
YUV	183.1690, 33.4407, -86.0942
Hunter-Lab	77.5130, -27.9853, -22.5370

Details

The Hex color **55DCFB** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **FB7455**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **97FFFF**, and **00A5C2** is the 20% darker color. If you saturate the color by 10%, you get **3CD7FB**, and if you desaturate by 10%, it is **6EE1FB**.

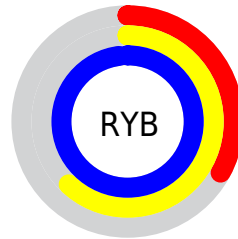
Distribution



Red (33%)

Green (86%)

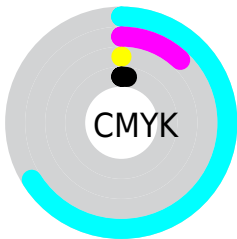
Blue (98%)



Red (33%)

Yellow (62%)

Blue (98%)

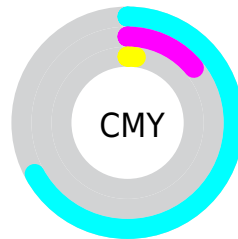


Cyan (66%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (67%)

Magenta (14%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55DCFB 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 55DCFB by changing the saturation by 10% instead.

 55DCFB

 55DCFB

FFFFFF

 2AC0DE

 97FFFF

 00A5C2

 B6FFFF

 008AA7

 D6FFFF

 00708D

 F5FFFF

 005873

 00405A

 002A43

 000F2D

 000117

■ 55DCFB

■ 55DCFB

■ 3CD7FB

■ 6EE1FB

■ 23D3FB

■ 87E5FB

■ 0ACEFB

■ A0EAFB

■ 00CCFB

■ B9EFFB

■ D3F3FB

■ ECF8FB

■ FFFDFB

■ FFFFFB

Harmonies

Analogous

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



5CDFDB



55DCFB



7ED5FF

Triad

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



55DCFB



FFB3E0



D4CF86

Complementary

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



55DCFB



FB7455

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.



F5C388



55DCFB



FFB1BD

Square

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



55DCFB



E4BDFE



FFB79D



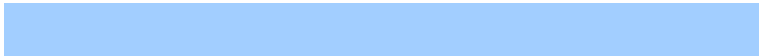
ACD897

Rectangle

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



55DCFB



A2CEFF



FFB79D



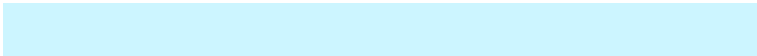
E0CB85

Sweetspot

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



55DCFB



CCF5FF



55FB73



617A80



000000



808080

Same Dimension

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



55DCFB



36D9FF



558AFB



707B7D



0099BD



00323D

Inverse Universe

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



FB55DC



FF36D9



FBC655



7D707B



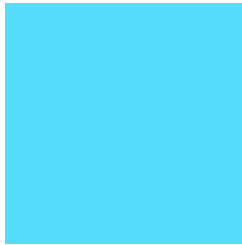
BD0099



3D0032

Previews

White Background



This preview shows how the Hex color 55DCFB looks on a white background.

Color Contrast Check

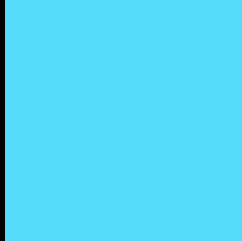
Large Text (above 18pt) WCAG AA × Fail

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 55DCFB 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 55DCFB Background



This preview shows how black text looks on a background with the Hex color 55DCFB.

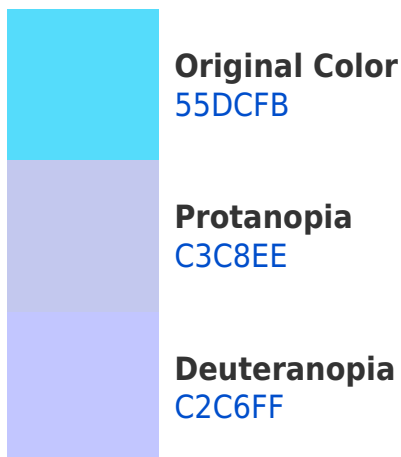


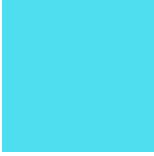
This preview shows how white text looks on a background with the Hex color 55DCFB.

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
4FDEF0

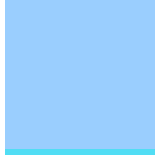
Trichromacy



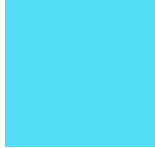
Original Color
55DCFB



Protanomaly
9BCFF3



Deuteranomaly
9ACEFE

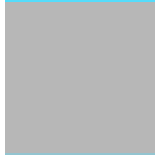


Tritanomaly
51DDF4

Monochromacy



Original Color
55DCFB



Achromatopsia
B7B7B7



Achromatomaly
93C4D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 55DCFB 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 #55DCFB looks like.

```
.text, #text, p{  
    color:#55DCFB  
}
```

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 #55DCFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55DCFB
}
```

Border

The CSS property to change the border of an element to Hex 55DCFB 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
#55DCFB }
```

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

```
.border{ border-color:#55DCFB }
```

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

Here you see how a box with a 4 pixel #55DCFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55DCFB; -webkit-box-shadow:4px 4px  
4px 4px #55DCFB; box-shadow:4px 4px 4px  
4px #55DCFB }
```

Background

The CSS property to change the background color of an element to Hex 55DCFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55DCFB }
```

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

```
.background{ background-color:#55DCFB }
```

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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