

Converting Colors

Hex(51DFFF)

Have a look what the booklet for
Hex(51DFFF) contains.

Hex(51DFFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(51DFFF)

Conversions

Conversions Part 1

Format	Color
Hex	51DFFF
RGB	81, 223, 255
RGB Percent	32%, 87%, 100%
CMY	0.6824, 0.1255, 0.0000
CMYK	0.68, 0.13, 0.00, 0.00
HSL	191°, 100%, 66%
HSV	191°, 68%, 100%
XYZ	47.8310, 61.7447, 104.0047
YIQ	184.1900, -94.9040, -20.1520

Conversions

Conversions Part 2

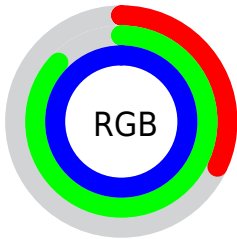
Format	Color
R _Y B	81, 159, 255
Decimal	5365759
CIE Lab	82.78, -28.06, -26.66
CIE LCh	83, 38.707, 223.535
Yxy	61.7447, 0.2239, 0.2891
Android (android.graphics.Color)	4283555839 (0xFF51DFFF)
YUV	184.1900, 34.9093, -90.4976
Hunter-Lab	78.5778, -28.8565, -23.4711

Details

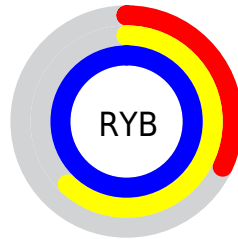
The Hex color **51DFFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF7151**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **95FFFF**, and **00A8C6** is the 20% darker color. If you saturate the color by 10%, you get **38DAFF**, and if you desaturate by 10%, it is **6AE4FF**.

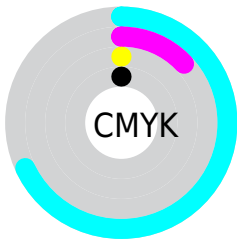
Distribution



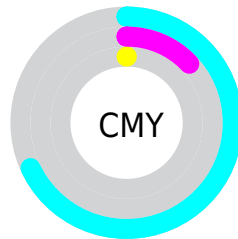
- Red (32%)
- Green (87%)
- Blue (100%)



- Red (32%)
- Yellow (62%)
- Blue (100%)



- Cyan (68%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51DFFF 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 51DFFF by changing the saturation by 10% instead.

 51DFFF

 51DFFF

FFFFFF

 22C3E2

 95FFFF

 00A8C6

 B5FFFF

 008DAB

 D4FFFF

 007390

 F3FFFF

 005A77

 00425E

 002C46

 00142F

 00011A

■ 51DFFF

■ 51DFFF

■ 38DAFF

■ 6AE4FF

■ 1ED6FF

■ 84E8FF

■ 05D1FF

■ 9EEDFF

■ 00D0FF

■ B7F2FF

■ D1F6FF

■ EAFBFF

FFFFFF

Harmonies

Analogous

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



59E2DE



51DFFF



7DD7FF

Triad

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



51DFFF



FFB5E4



D6D187

Complementary

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



51DFFF



FF7151

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.



F9C589



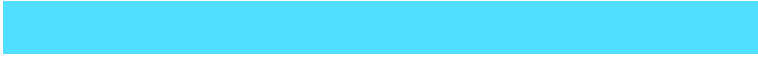
51DFFF



FFB3BF

Square

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



51DFFF



E8BFFF



FFB99E



AEDB98

Rectangle

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



51DFFF



A3D0FF



FFB99E



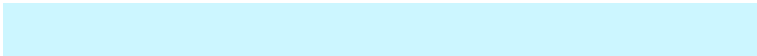
E3CD85

Sweetspot

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



51DFFF



CCF6FF



51FF71



617A80



000000



808080

Same Dimension

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



51DFFF



2ED9FF



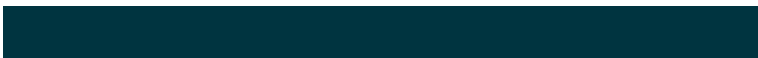
5188FF



737D80



009CBF



003440

Inverse Universe

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



FF51DF



FF2ED9



FFC851



80737D



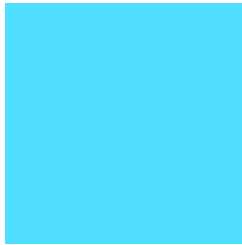
BF009C



400034

Previews

White Background



This preview shows how the Hex color 51DFFF looks on a white background.

Color Contrast Check

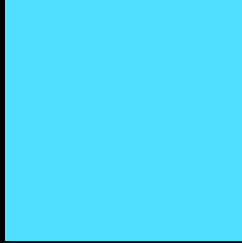
Large Text (above 18pt) WCAG AA × Fail

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 51DFFF 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 51DFFF Background



This preview shows how black text looks on a background with the Hex color 51DFFF.

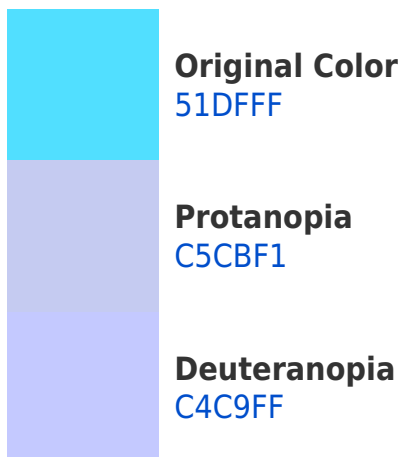


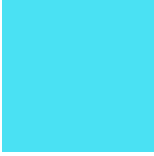
This preview shows how white text looks on a background with the Hex color 51DFFF.

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](#).

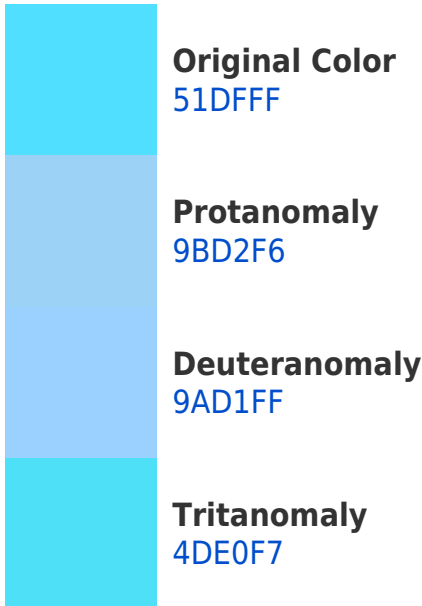
Dichromacy



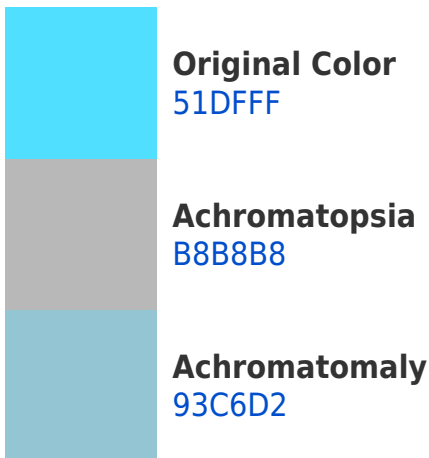


Tritanopia
4AE1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51DFFF 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 #51DFFF looks like.

```
.text, #text, p{  
    color:#51DFFF  
}
```

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 #51DFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51DFFF }  
}
```

Border

The CSS property to change the border of an element to Hex 51DFFF 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 #51DFFF }  
}
```

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

```
.border{ border-color:#51DFFF }
```

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

Here you see how a box with a 4 pixel #51DFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51DFFF; -webkit-box-shadow:4px 4px  
4px 4px #51DFFF; box-shadow:4px 4px 4px  
4px #51DFFF }
```

Background

The CSS property to change the background color of an element to Hex 51DFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51DFFF }
```

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

```
.background{ background-color:#51DFFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor