

Converting Colors

Hex(51D2F9)

Have a look what the booklet for
Hex(51D2F9) contains.

Hex(51D2F9)	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(51D2F9)

Conversions

Conversions Part 1

Format	Color
Hex	51D2F9
RGB	81, 210, 249
RGB Percent	32%, 82%, 98%
CMY	0.6824, 0.1765, 0.0235
CMYK	0.67, 0.16, 0.00, 0.02
HSL	194°, 93%, 65%
HSV	194°, 67%, 98%
XYZ	43.5388, 54.6821, 97.8825
YIQ	175.8750, -89.4030, -15.2190

Conversions

Conversions Part 2

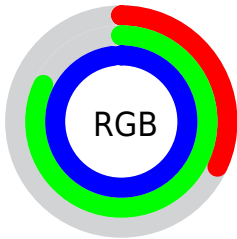
Format	Color
R _Y B	81, 154, 249
Decimal	5362425
CIE Lab	78.86, -23.44, -29.48
CIE LCh	79, 37.658, 231.512
Yxy	54.6821, 0.2220, 0.2788
Android (android.graphics.Color)	4283552505 (0xFF51D2F9)
YUV	175.8750, 36.0506, -83.2054
Hunter-Lab	73.9473, -24.3103, -26.7178

Details

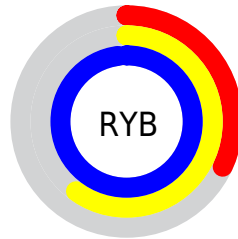
The Hex color **51D2F9** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **F97851**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **93FFFF**, and **009BC0** is the 20% darker color. If you saturate the color by 10%, you get **38CCF9**, and if you desaturate by 10%, it is **6AD8F9**.

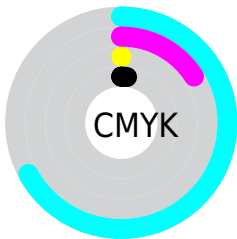
Distribution



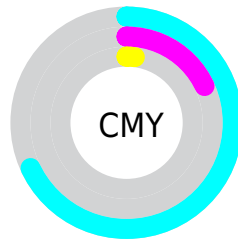
- Red (32%)
- Green (82%)
- Blue (98%)



- Red (32%)
- Yellow (60%)
- Blue (98%)



- Cyan (67%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (68%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51D2F9 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 51D2F9 by changing the saturation by 10% instead.

51D2F9

51D2F9

FFFFFF

25B6DC

93FFFF

009BC0

B3FFFF

0081A5

D2FFFF

00688B

F1FFFF

005071

003858

002341

00032B

000115

■ 51D2F9

■ 51D2F9

■ 38CCF9

■ 6AD8F9

■ 1FC6F9

■ 83DEF9

■ 06C1F9

■ 9CE3F9

■ 00BFF9

■ B5E9F9

■ CEEFF9

■ E6F5F9

■ FFFAF9

■ FFFFF9

Harmonies

Analogous

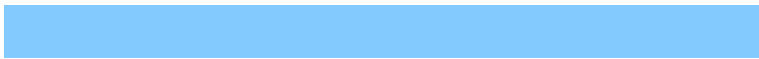
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4AD6DC



51D2F9



83CAFF

Triad

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



51D2F9



FFA9CF



C1C981

Complementary

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



51D2F9



F97851

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.



E4BE7E



51D2F9



FFAAAB

Square

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



51D2F9



E6B1EF



FEB28E



99D197

Rectangle

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



51D2F9



A8C2FF



FEB28E



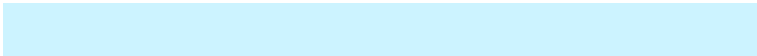
CEC57E

Sweetspot

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



51D2F9



CCF3FF



51F975



617880



000000



808080

Same Dimension

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



51D2F9



30CFFF



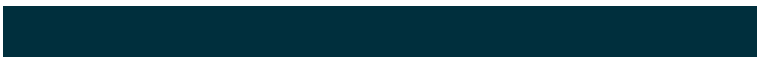
5181F9



707A7D



0091BD



002F3D

Inverse Universe

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



F951D2



FF30CF



F9C951



7D707A



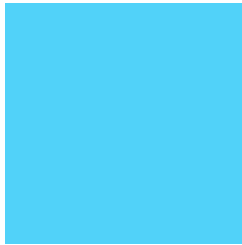
BD0091



3D002F

Previews

White Background



This preview shows how the Hex color 51D2F9 looks on a white background.

Color Contrast Check

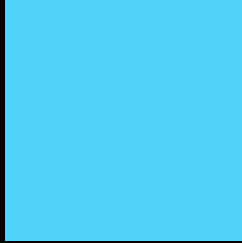
Large Text (above 18pt) WCAG AA × Fail

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 51D2F9 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 51D2F9 Background



This preview shows how black text looks on a background with the Hex color 51D2F9.

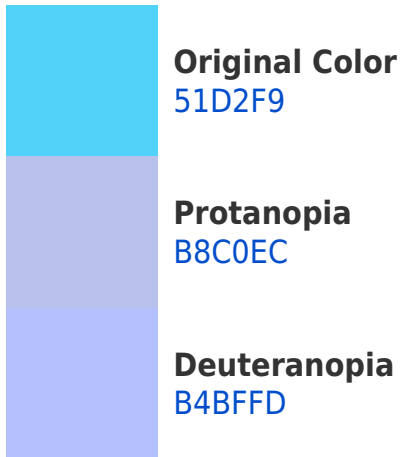


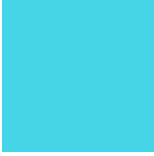
This preview shows how white text looks on a background with the Hex color 51D2F9.

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](#).

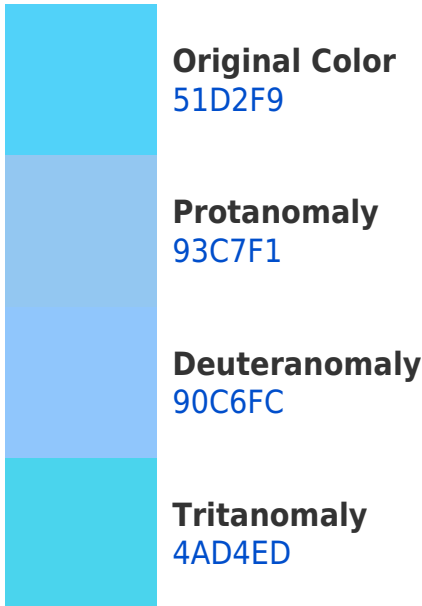
Dichromacy



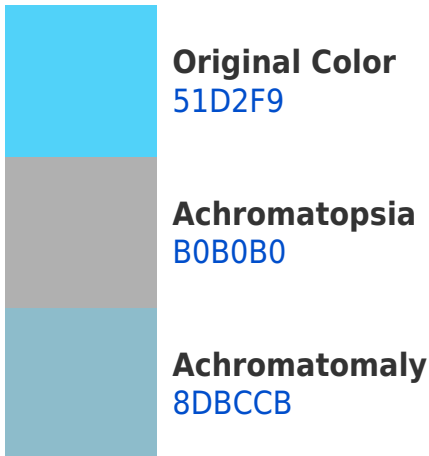


Tritanopia
46D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51D2F9 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 #51D2F9 looks like.

```
.text, #text, p{  
    color:#51D2F9  
}
```

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 #51D2F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51D2F9
}
```

Border

The CSS property to change the border of an element to Hex 51D2F9 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
#51D2F9 }
```

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

```
.border{ border-color:#51D2F9 }
```

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

Here you see how a box with a 4 pixel #51D2F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51D2F9; -webkit-box-shadow:4px 4px  
4px 4px #51D2F9; box-shadow:4px 4px 4px  
4px #51D2F9 }
```

Background

The CSS property to change the background color of an element to Hex 51D2F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51D2F9 }
```

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

```
.background{ background-color:#51D2F9 }
```

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