

Converting Colors

Hex(539DFB)

Have a look what the booklet for
Hex(539DFB) contains.

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Color

Hex(539DFB)

Conversions

Conversions Part 1

Format	Color
Hex	539DFB
RGB	83, 157, 251
RGB Percent	33%, 62%, 98%
CMY	0.6745, 0.3843, 0.0157
CMYK	0.67, 0.37, 0.00, 0.02
HSL	214°, 95%, 65%
HSV	214°, 67%, 98%
XYZ	33.0368, 32.9180, 95.8794
YIQ	145.5900, -74.2780, 13.5460

Conversions

Conversions Part 2

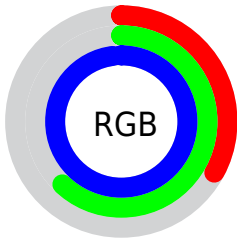
Format	Color
R _Y B	83, 134, 251
Decimal	5479931
CIE Lab	64.09, 6.32, -53.60
CIE LCh	64, 53.975, 276.722
Yxy	32.9180, 0.2041, 0.2034
Android (android.graphics.Color)	4283670011 (0xFF539DFB)
YUV	145.5900, 51.9671, -54.8914
Hunter-Lab	57.3742, 2.3779, -58.9190

Details

The Hex color **539DFB** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **FBB153**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **94D3FF**, and **006AC2** is the 20% darker color. If you saturate the color by 10%, you get **3A8FFB**, and if you desaturate by 10%, it is **6CABFB**.

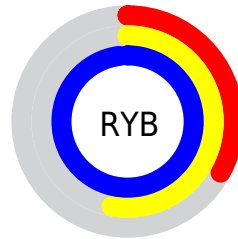
Distribution



Red (33%)

Green (62%)

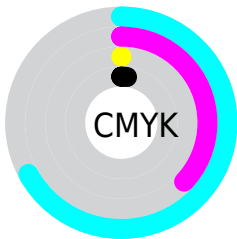
Blue (98%)



Red (33%)

Yellow (53%)

Blue (98%)

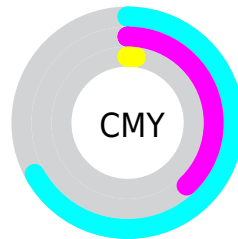


Cyan (67%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (67%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 539DFB 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 539DFB by changing the saturation by 10% instead.

■ 539DFB

■ 539DFB

FFFFFF

■ 2A83DE

■ 94D3FF

■ 006AC2

■ B2EFFF

■ 0053A6

■ D1FFFF

■ 003C8B

■ F0FFFF

■ 002871

■ 001358

■ 000740

■ 000329

■ 000113

■ 539DFB

■ 539DFB

■ 3A8FFB

■ 6CABFB

■ 2181FB

■ 85B9FB

■ 0873FB

■ 9EC7FB

■ 006FFB

■ B7D5FB

■ D1E3FB

■ EAF1FB

■ FFFFFB

Harmonies

Analogous

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



00AAF3



539DFB



AC8AE9

Triad

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



539DFB



EE7964



2AB073

Complementary

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



539DFB



FBB153

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.



79A94A



539DFB



D48B41

Square

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



539DFB



F47092



AC9C35



00B3A5

Rectangle

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



539DFB



D17DD1



AC9C35



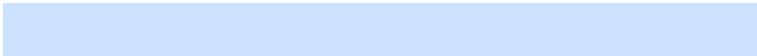
4DAE64

Sweetspot

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



539DFB



CCE2FF



53FBAF



616E80



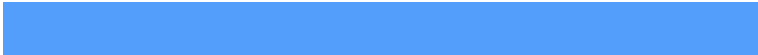
000000



808080

Same Dimension

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



539DFB



338DFF



5B53FB



70767D



0053BD



001B3D

Inverse Universe

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



FB539D



FF338D



F3FB53



7D7076



BD0053



3D001B

Previews

White Background



This preview shows how the Hex color 539DFB looks on a white background.

Color Contrast Check

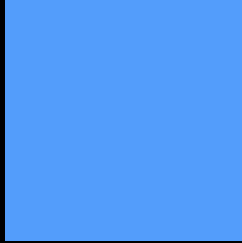
Large Text (above 18pt) WCAG AA × Fail

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 539DFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

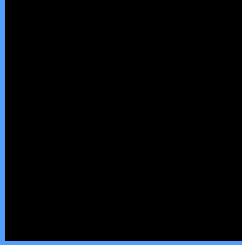
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

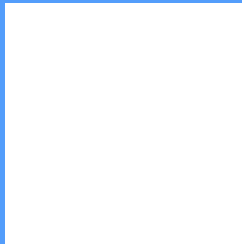
Any Text WCAG AAA ✓ Pass

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

Hex 539DFB Background



This preview shows how black text looks on a background with the Hex color 539DFB.



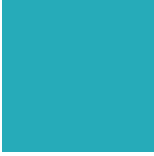
This preview shows how white text looks on a background with the Hex color 539DFB.

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](#).

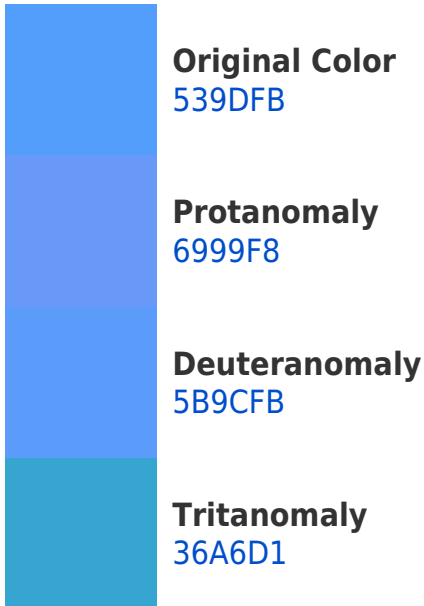
Dichromacy



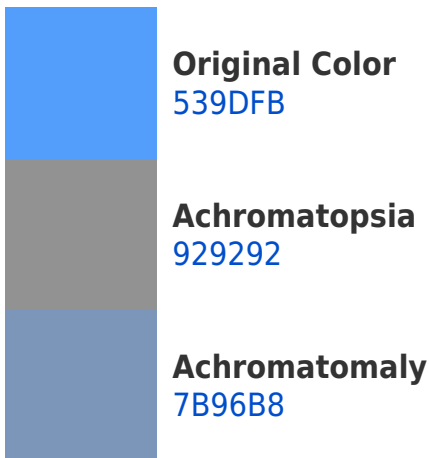


Tritanopia
26ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 539DFB 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 #539DFB looks like.

```
.text, #text, p{  
    color:#539DFB  
}
```

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 #539DFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #539DFB
}
```

Border

The CSS property to change the border of an element to Hex 539DFB 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
#539DFB }
```

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

```
.border{ border-color:#539DFB }
```

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

Here you see how a box with a 4 pixel #539DFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #539DFB; -webkit-box-shadow:4px 4px  
4px 4px #539DFB; box-shadow:4px 4px 4px  
4px #539DFB }
```

Background

The CSS property to change the background color of an element to Hex 539DFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#539DFB }
```

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

```
.background{ background-color:#539DFB }
```

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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