

Converting Colors

Hex(549DFA)

Have a look what the booklet for
Hex(549DFA) contains.

Hex(549DFA)	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(549DFA)

Conversions

Conversions Part 1

Format	Color
Hex	549DFA
RGB	84, 157, 250
RGB Percent	33%, 62%, 98%
CMY	0.6706, 0.3843, 0.0196
CMYK	0.66, 0.37, 0.00, 0.02
HSL	214°, 94%, 65%
HSV	214°, 66%, 98%
XYZ	32.9684, 32.9009, 95.0554
YIQ	145.7750, -73.3610, 13.4470

Conversions

Conversions Part 2

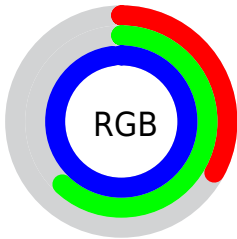
Format	Color
R _Y B	84, 135, 250
Decimal	5545466
CIE Lab	64.08, 6.13, -53.08
CIE LCh	64, 53.431, 276.593
Yxy	32.9009, 0.2049, 0.2044
Android (android.graphics.Color)	4283735546 (0xFF549DFA)
YUV	145.7750, 51.3829, -54.1767
Hunter-Lab	57.3593, 2.2178, -58.1034

Details

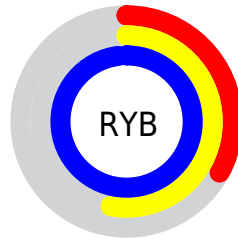
The Hex color **549DFA** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **FAB154**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **94D3FF**, and **006AC1** is the 20% darker color. If you saturate the color by 10%, you get **3B8FFA**, and if you desaturate by 10%, it is **6DABFA**.

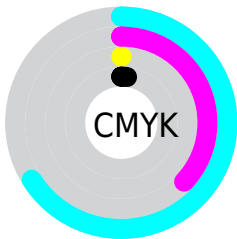
Distribution



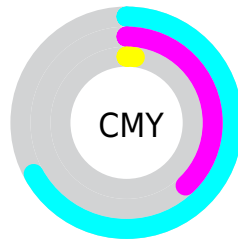
- Red (33%)
- Green (62%)
- Blue (98%)



- Red (33%)
- Yellow (53%)
- Blue (98%)



- Cyan (66%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)



- Cyan (67%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 549DFA 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 549DFA by changing the saturation by 10% instead.

 549DFA

 549DFA

FFFFFF

 2C83DD

 94D3FF

 006AC1

 B3EFFF

 0053A5

 D1FFFF

 003C8B

 F0FFFF

 002871

 001357

 00073F

 000328

 000112

■ 549DFA

■ 549DFA

■ 3B8FFA

■ 6DABFA

■ 2281FA

■ 86B9FA

■ 0973FA

■ 9FC7FA

■ 006EFA

■ B8D5FA

■ D1E3FA

■ EAF1FA

■ FFFFA

Harmonies

Analogous

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



00AAF2



549DFA



AC8AE8

Triad

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



549DFA



EE7A65



2DB074

Complementary

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



549DFA



FAB154

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.



7AA94B



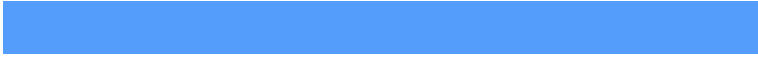
549DFA



D48B42

Square

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



549DFA



F37193



AC9C37



00B3A5

Rectangle

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



549DFA



D17ED0



AC9C37



4EAE65

Sweetspot

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



549DFA



CCE2FF



54FAAF



616E80



000000



808080

Same Dimension

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



549DFA



338DFF



5C54FA



70767D



0053BD



001B3D

Inverse Universe

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



FA549D



FF338D



F2FA54



7D7076



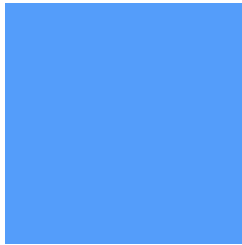
BD0053



3D001B

Previews

White Background



This preview shows how the Hex color 549DFA looks on a white background.

Color Contrast Check

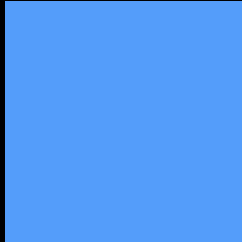
Large Text (above 18pt) WCAG AA × Fail

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 549DFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

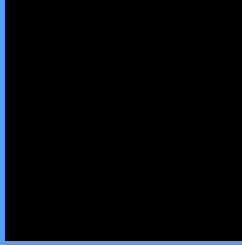
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

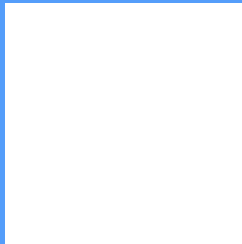
Any Text WCAG AAA ✓ Pass

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

Hex 549DFA Background



This preview shows how black text looks on a background with the Hex color 549DFA.

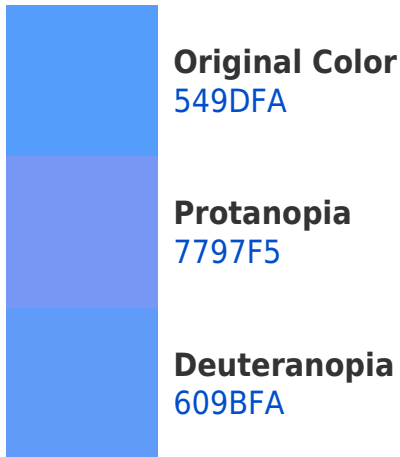


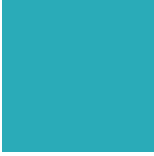
This preview shows how white text looks on a background with the Hex color 549DFA.

Color Blindness Simulation

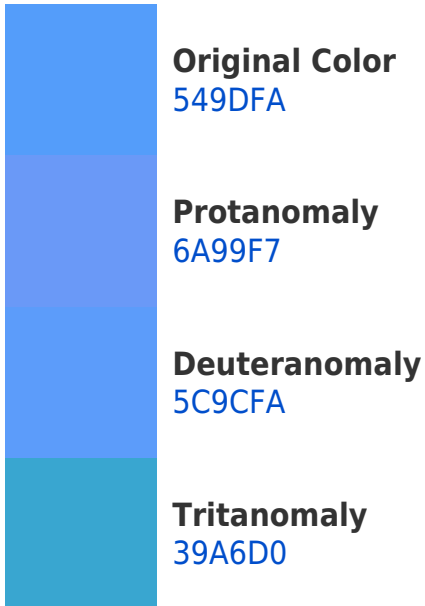
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

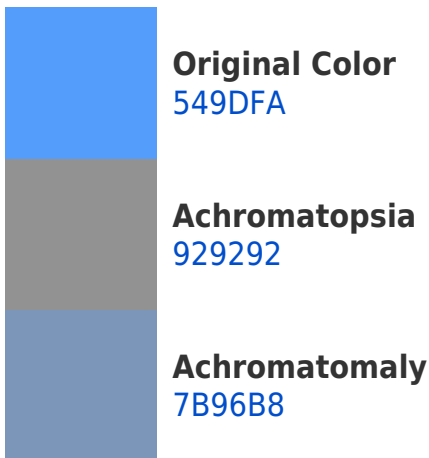




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 549DFA 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 #549DFA looks like.

```
.text, #text, p{  
    color:#549DFA  
}
```

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 #549DFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549DFA
}
```

Border

The CSS property to change the border of an element to Hex 549DFA 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
#549DFA }
```

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

```
.border{ border-color:#549DFA }
```

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

Here you see how a box with a 4 pixel #549DFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549DFA; -webkit-box-shadow:4px 4px  
4px 4px #549DFA; box-shadow:4px 4px 4px  
4px #549DFA }
```

Background

The CSS property to change the background color of an element to Hex 549DFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549DFA }
```

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

```
.background{ background-color:#549DFA }
```

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