

Converting Colors

Hex(539CF8)

Have a look what the booklet for
Hex(539CF8) contains.

Hex(539CF8)	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(539CF8)

Conversions

Conversions Part 1

Format	Color
Hex	539CF8
RGB	83, 156, 248
RGB Percent	33%, 61%, 97%
CMY	0.6745, 0.3882, 0.0275
CMYK	0.67, 0.37, 0.00, 0.03
HSL	213°, 92%, 65%
HSV	213°, 67%, 97%
XYZ	32.3990, 32.3932, 93.3518
YIQ	144.6610, -73.0400, 13.1360

Conversions

Conversions Part 2

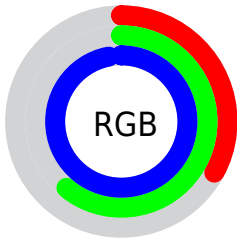
Format	Color
R _Y B	83, 134, 248
Decimal	5479672
CIE Lab	63.67, 5.88, -52.64
CIE LCh	64, 52.971, 276.379
Yxy	32.3932, 0.2049, 0.2048
Android (android.graphics.Color)	4283669752 (0xFF539CF8)
YUV	144.6610, 50.9461, -54.0767
Hunter-Lab	56.9151, 2.0102, -57.4067

Details

The Hex color **539CF8** 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 **F8AF53**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **93D2FF**, and **0069BF** is the 20% darker color. If you saturate the color by 10%, you get **3A8EF8**, and if you desaturate by 10%, it is **6CAAF8**.

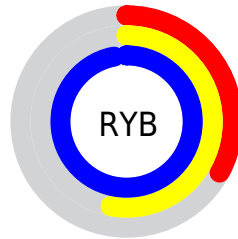
Distribution



Red (33%)

Green (61%)

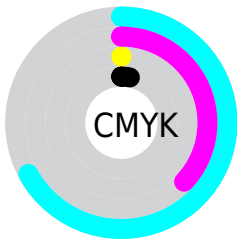
Blue (97%)



Red (33%)

Yellow (53%)

Blue (97%)

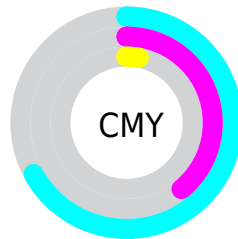


Cyan (67%)

Magenta (37%)

Yellow (0%)

Black (3%)



Cyan (67%)

Magenta (39%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 539CF8 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 539CF8 by changing the saturation by 10% instead.

 539CF8

 539CF8


FFFFFF

 2B82DB

 93D2FF

 0069BF

 B2EEFF

 0052A4

 D0FFFF

 003B89

 EFFFFFF

 00276F

 001256

 00063E

 000327

 000110

■ 539CF8

■ 539CF8

■ 3A8EF8

■ 6CAAF8

■ 2180F8

■ 85B8F8

■ 0973F8

■ 9DC5F8

■ 006EF8

■ B6D3F8

■ CFE1F8

■ E8EFF8

■ FFFDF8

■ FFFFF8

Harmonies

Analogous

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



00A9F0



539CF8



AA8AE7

Triad

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



539CF8



EC7965



2EAF73

Complementary

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



539CF8



F8AF53

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.



79A74A



539CF8



D38A42

Square

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



539CF8



F17092



AB9B37



00B2A3

Rectangle

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



539CF8



CF7DCF



AB9B37



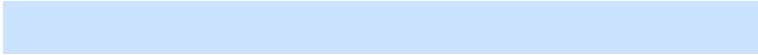
4EAD64

Sweetspot

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



539CF8



CCE3FF



53F8AE



616E80



000000



808080

Same Dimension

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



539CF8



338DFF



5B53F8



70767D



0053BD



001B3D

Inverse Universe

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



F8539C



FF338D



F0F853



7D7076



BD0053



3D001B

Previews

White Background



This preview shows how the Hex color 539CF8 looks on a white background.

Color Contrast Check

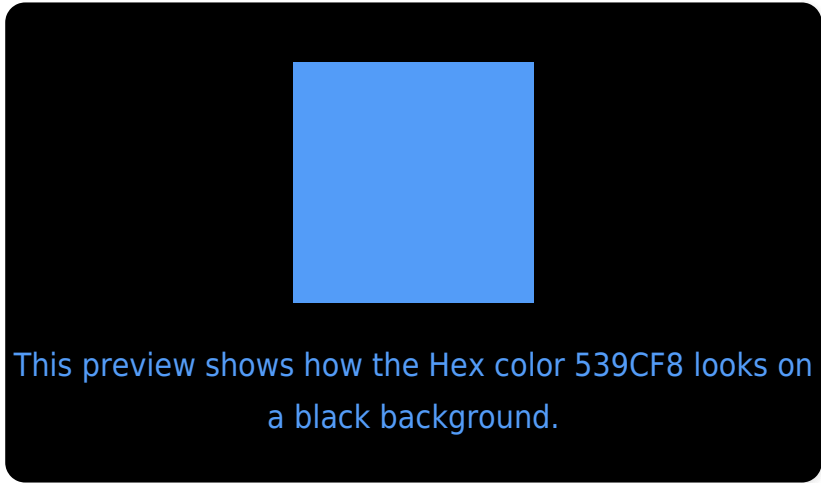
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

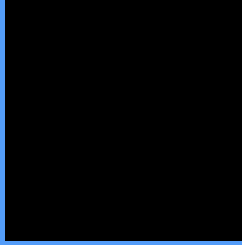
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

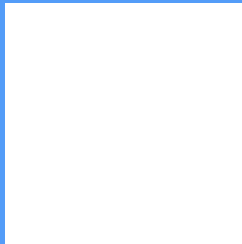
Any Text WCAG AAA ✓ Pass

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

Hex 539CF8 Background



This preview shows how black text looks on a background with the Hex color 539CF8.



This preview shows how white text looks on a background with the Hex color 539CF8.

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



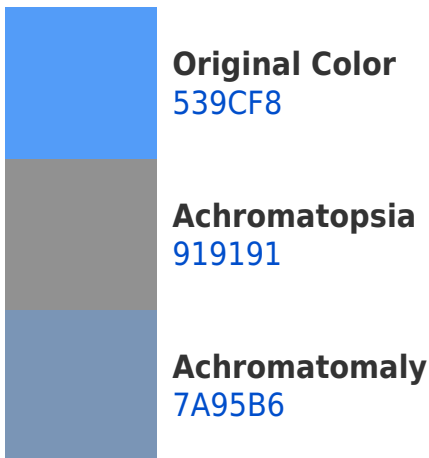


Tritanopia
29A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 539CF8 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 #539CF8 looks like.

```
.text, #text, p{  
    color:#539CF8  
}
```

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 #539CF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #539CF8
}
```

Border

The CSS property to change the border of an element to Hex 539CF8 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
#539CF8 }
```

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

```
.border{ border-color:#539CF8 }
```

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

Here you see how a box with a 4 pixel #539CF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #539CF8; -webkit-box-shadow:4px 4px  
4px 4px #539CF8; box-shadow:4px 4px 4px  
4px #539CF8 }
```

Background

The CSS property to change the background color of an element to Hex 539CF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#539CF8 }
```

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

```
.background{ background-color:#539CF8 }
```

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