

Converting Colors

Hex(519FC3)

Have a look what the booklet for
Hex(519FC3) contains.

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Color

Hex(519FC3)

Conversions

Conversions Part 1

Format	Color
Hex	519FC3
RGB	81, 159, 195
RGB Percent	32%, 62%, 76%
CMY	0.6824, 0.3765, 0.2353
CMYK	0.58, 0.18, 0.00, 0.24
HSL	199°, 49%, 54%
HSV	199°, 58%, 76%
XYZ	25.6418, 30.4857, 56.1626
YIQ	139.7820, -58.0440, -5.3400

Conversions

Conversions Part 2

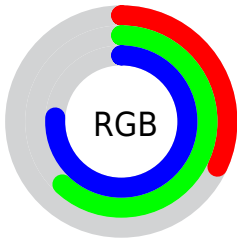
Format	Color
R _Y B	81, 127, 195
Decimal	5349315
CIE Lab	62.07, -13.44, -25.79
CIE LCh	62, 29.080, 242.482
Yxy	30.4857, 0.2284, 0.2715
Android (android.graphics.Color)	4283539395 (0xFF519FC3)
YUV	139.7820, 27.2225, -51.5518
Hunter-Lab	55.2139, -13.7274, -21.6591

Details

The Hex color **519FC3** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C37551**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8BD6FC**, and **006C8D** is the 20% darker color. If you saturate the color by 10%, you get **3D99C3**, and if you desaturate by 10%, it is **64A5C3**.

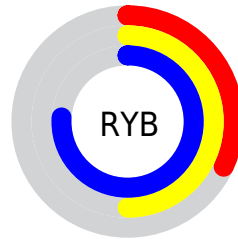
Distribution



Red (32%)

Green (62%)

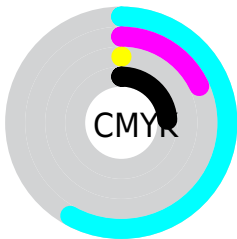
Blue (76%)



Red (32%)

Yellow (50%)

Blue (76%)

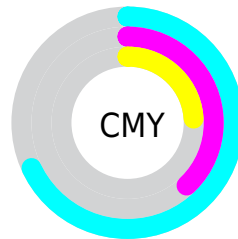


Cyan (58%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (68%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 519FC3 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 519FC3 by changing the saturation by 10% instead.

■ 519FC3

■ 519FC3

FFFFFF

■ 3185A8

■ 8BD6FC

■ 006C8D

■ A8F2FF

■ 005374

■ C5FFFF

■ 003C5B

■ E2FFFF

■ 002643

■ 00102D

■ 000118

■ 000000

■ 519FC3

■ 519FC3

■ 3D99C3

■ 64A5C3

■ 2A93C3

■ 78ABC3

■ 168DC3

■ 8BB1C3

■ 0386C3

■ 9FB8C3

■ 0085C3

■ B3BEC3

■ C6C4C3

■ DACAC3

■ EDD0C3

■ FFD6C3

Harmonies

Analogous

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



3FA3B1



519FC3



7798C9

Triad

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



519FC3



C78395



8A9D6A

Complementary

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



519FC3



C37551

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.



A69562



519FC3



C8857C

Square

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



519FC3



B986AE



BC8C69



6CA27D

Rectangle

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



519FC3



9092C5



BC8C69



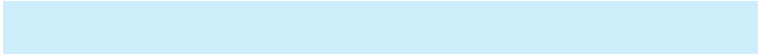
949A66

Sweetspot

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



519FC3



CFEEFC



51C373



637780



000000



808080

Same Dimension

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



519FC3



4CC5FC



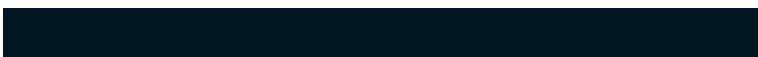
5168C3



575E61



006EA1



001721

Inverse Universe

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



C3519F



FC4CC5



C3AC51



61575E



A1006E



210017

Previews

White Background



This preview shows how the Hex color 519FC3 looks on a white background.

Color Contrast Check

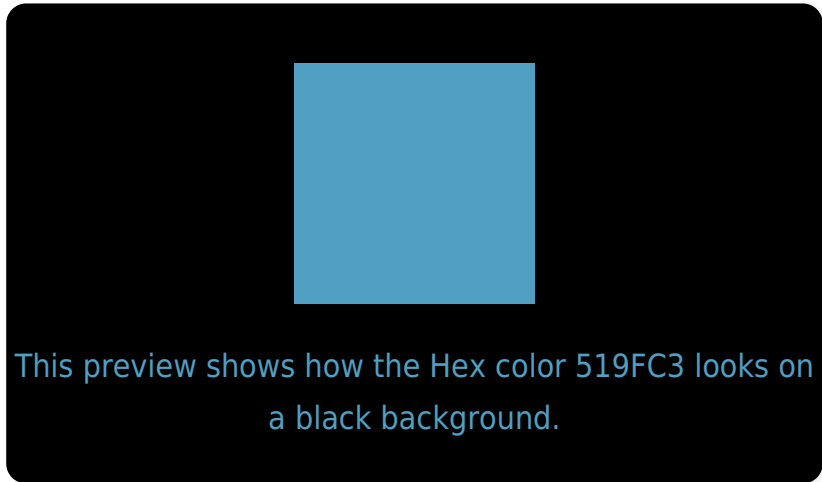
Large Text (above 18pt) WCAG AA × Fail

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

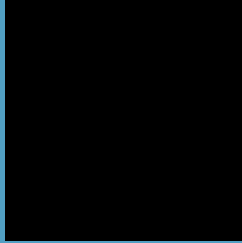
Any Text WCAG AA ✓ Pass

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 519FC3 Background



This preview shows how black text looks on a background with the Hex color 519FC3.

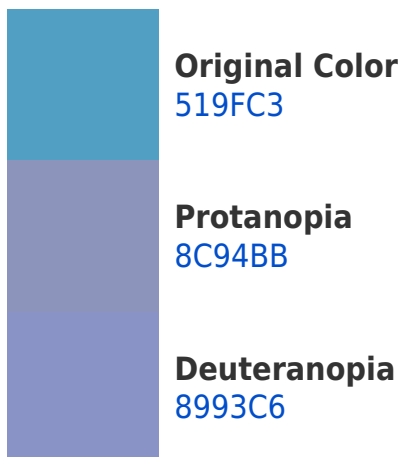


This preview shows how white text looks on a background with the Hex color 519FC3.

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
49A2B0

Trichromacy



Original Color
519FC3

Protanomaly
7798BE

Deuteranomaly
7597C5

Tritanomaly
4CA1B7

Monochromacy



Original Color
519FC3

Achromatopsia
8C8C8C

Achromatomaly
7793A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 519FC3 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 #519FC3 looks like.

```
.text, #text, p{  
    color:#519FC3  
}
```

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 #519FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519FC3
}
```

Border

The CSS property to change the border of an element to Hex 519FC3 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
#519FC3 }
```

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

```
.border{ border-color:#519FC3 }
```

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

Here you see how a box with a 4 pixel #519FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519FC3; -webkit-box-shadow:4px 4px  
4px 4px #519FC3; box-shadow:4px 4px 4px  
4px #519FC3 }
```

Background

The CSS property to change the background color of an element to Hex 519FC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519FC3 }
```

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

```
.background{ background-color:#519FC3 }
```

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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