

Converting Colors

Hex(519FE7)

Have a look what the booklet for
Hex(519FE7) contains.

Hex(519FE7)	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(519FE7)

Conversions

Conversions Part 1

Format	Color
Hex	519FE7
RGB	81, 159, 231
RGB Percent	32%, 62%, 91%
CMY	0.6824, 0.3765, 0.0941
CMYK	0.65, 0.31, 0.00, 0.09
HSL	209°, 76%, 61%
HSV	209°, 65%, 91%
XYZ	30.2153, 32.3151, 80.2462
YIQ	143.8860, -69.6000, 5.8560

Conversions

Conversions Part 2

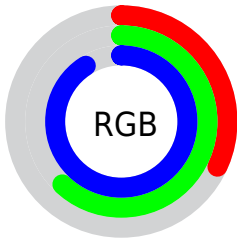
Format	Color
R_{YB}	81, 132, 231
Decimal	5349351
CIE _{Lab}	63.60, -1.87, -43.41
CIE _{LCh}	64, 43.450, 267.534
Yxy	32.3151, 0.2116, 0.2263
Android (android.graphics.Color)	4283539431 (0xFF519FE7)
YUV	143.8860, 42.9472, -55.1510
Hunter-Lab	56.8464, -4.6040, -43.9032

Details

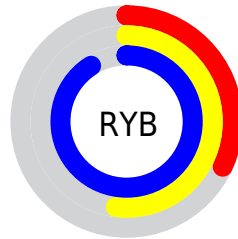
The Hex color **519FE7** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E79951**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8FD5FF**, and **006CAF** is the 20% darker color. If you saturate the color by 10%, you get **3A94E7**, and if you desaturate by 10%, it is **68AAE7**.

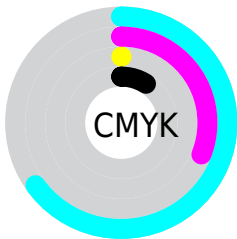
Distribution



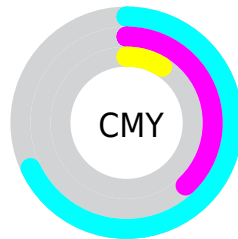
- Red (32%)
- Green (62%)
- Blue (91%)



- Red (32%)
- Yellow (52%)
- Blue (91%)



- Cyan (65%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)



- Cyan (68%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 519FE7 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 519FE7 by changing the saturation by 10% instead.

■ 519FE7

FFFFFF

■ 8FD5FF

■ ADF2FF

■ CBFFFF

■ EAFFFF

■ 519FE7

■ 2C85CB

■ 006CAF

■ 005494

■ 003D7A

■ 002861

■ 001448

■ 000431

■ 00011B

■ 000000

■ 519FE7

■ 519FE7

■ 3A94E7

■ 68AAE7

■ 2389E7

■ 7FB5E7

■ 0C7EE7

■ 96C0E7

■ 0078E7

■ ADCBE7

■ C5D6E7

■ DCE2E7

■ F3EDE7

■ FFF8E7

■ FFFFE7

Harmonies

Analogous

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



00A9DA



519FE7



9891DF

Triad

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



519FE7



E27D78



5EAA6F

Complementary

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



519FE7



E79951

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.



8EA253



519FE7



D2895A

Square

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



519FE7



E07A9F



B4974B



00AE95

Rectangle

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



519FE7



BA87CF



B4974B



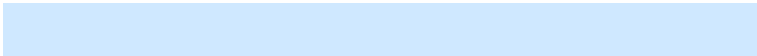
6FA864

Sweetspot

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



519FE7



CFE8FF



51E797



627180



000000



808080

Same Dimension

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



519FE7



38A0FF



5156E7



676D73



005DB3



001B33

Inverse Universe

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



E7519F



FF38A0



E7E251



73676D



B3005D



33001B

Previews

White Background



This preview shows how the Hex color 519FE7 looks on a white background.

Color Contrast Check

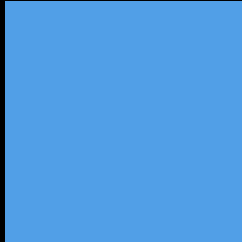
Large Text (above 18pt) WCAG AA × Fail

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 519FE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

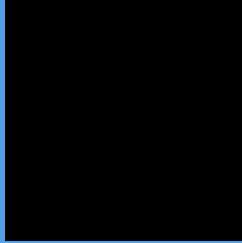
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

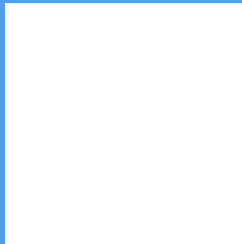
Any Text WCAG AAA ✓ Pass

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

Hex 519FE7 Background



This preview shows how black text looks on a background with the Hex color 519FE7.

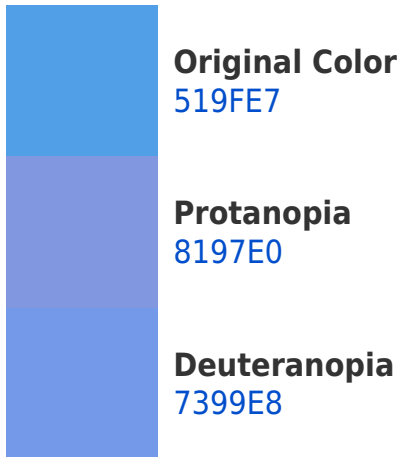


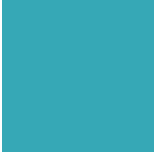
This preview shows how white text looks on a background with the Hex color 519FE7.

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](#).

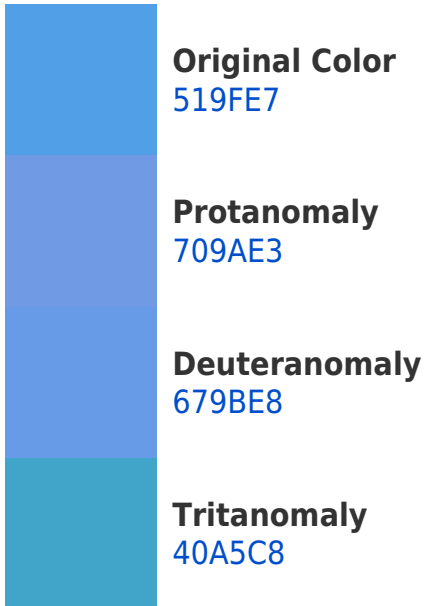
Dichromacy



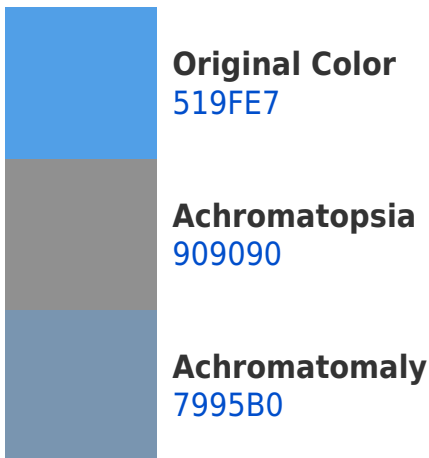


Tritanopia
36A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 519FE7 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 #519FE7 looks like.

```
.text, #text, p{  
    color:#519FE7  
}
```

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 #519FE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519FE7
}
```

Border

The CSS property to change the border of an element to Hex 519FE7 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
#519FE7 }
```

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

```
.border{ border-color:#519FE7 }
```

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

Here you see how a box with a 4 pixel #519FE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519FE7; -webkit-box-shadow:4px 4px  
4px 4px #519FE7; box-shadow:4px 4px 4px  
4px #519FE7 }
```

Background

The CSS property to change the background color of an element to Hex 519FE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519FE7 }
```

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

```
.background{ background-color:#519FE7 }
```

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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