

Converting Colors

Hex(519FD6)

Have a look what the booklet for
Hex(519FD6) contains.

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Color

Hex(519FD6)

Conversions

Conversions Part 1

Format	Color
Hex	519FD6
RGB	81, 159, 214
RGB Percent	32%, 62%, 84%
CMY	0.6824, 0.3765, 0.1608
CMYK	0.62, 0.26, 0.00, 0.16
HSL	205°, 62%, 58%
HSV	205°, 62%, 84%
XYZ	27.9291, 31.4006, 68.2072
YIQ	141.9480, -64.1430, 0.5690

Conversions

Conversions Part 2

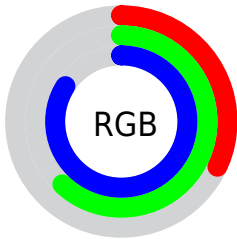
Format	Color
R _Y B	81, 130, 214
Decimal	5349334
CIE Lab	62.84, -7.44, -35.19
CIE LCh	63, 35.966, 258.070
Yxy	31.4006, 0.2190, 0.2462
Android (android.graphics.Color)	4283539414 (0xFF519FD6)
YUV	141.9480, 35.5216, -53.4514
Hunter-Lab	56.0363, -9.0972, -32.9423

Details

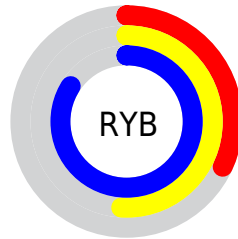
The Hex color **519FD6** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D68851**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8DD6FF**, and **006C9F** is the 20% darker color. If you saturate the color by 10%, you get **3C96D6**, and if you desaturate by 10%, it is **66A8D6**.

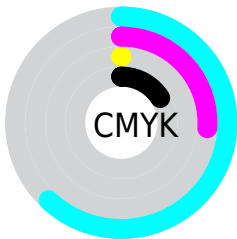
Distribution



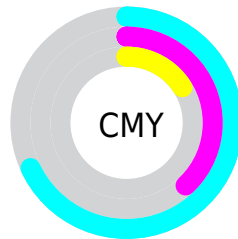
- Red (32%)
- Green (62%)
- Blue (84%)



- Red (32%)
- Yellow (51%)
- Blue (84%)



- Cyan (62%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)



- Cyan (68%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 519FD6 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 519FD6 by changing the saturation by 10% instead.

■ 519FD6

■ 519FD6

FFFFFF

■ 2F85BA

■ 8DD6FF

■ 006C9F

■ AAF2FF

■ 005485

■ C8FFFF

■ 003D6B

■ E6FFFF

■ 002753

■ 00133B

■ 000225

■ 00010D

■ 000000

■ 519FD6

■ 519FD6

■ 3C96D6

■ 66A8D6

■ 268DD6

■ 7CB1D6

■ 1184D6

■ 91BAD6

■ 007ED6

■ A7C2D6

■ BCCBD6

■ D1D4D6

■ E7DDD6

■ FCE6D6

■ FFEFD6

Harmonies

Analogous

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



04A6C7



519FD6



8994D5

Triad

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



519FD6



D68086



75A46C

Complementary

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



519FD6



D68851

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.



9A9C5A



519FD6



CE876A

Square

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



519FD6



CE80A6



B89259



4BA88A

Rectangle

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



519FD6



A78DCA



B89259



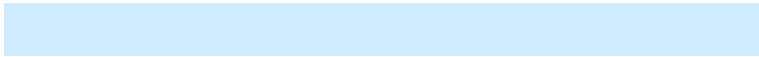
82A265

Sweetspot

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



519FD6



CFE8FF



51D686



627380



000000



808080

Same Dimension

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



519FD6



40B0FF



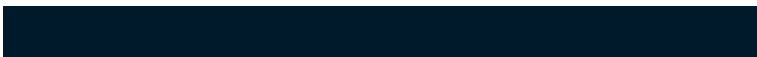
515ED6



60676B



0064AB



00192B

Inverse Universe

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



D6519F



FF40B0



D6C951



6B6067



AB0064



2B0019

Previews

White Background



This preview shows how the Hex color 519FD6 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 519FD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

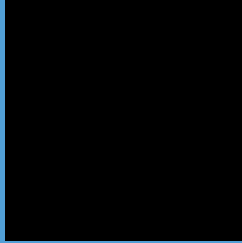
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

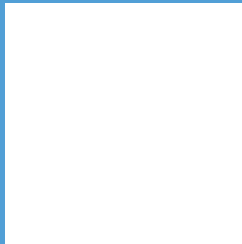
Any Text WCAG AAA ✓ Pass

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

Hex 519FD6 Background



This preview shows how black text looks on a background with the Hex color 519FD6.

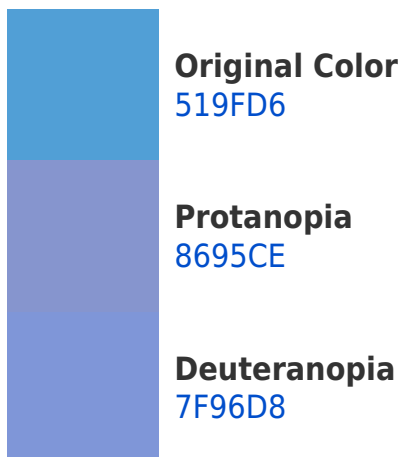


This preview shows how white text looks on a background with the Hex color 519FD6.

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](#).

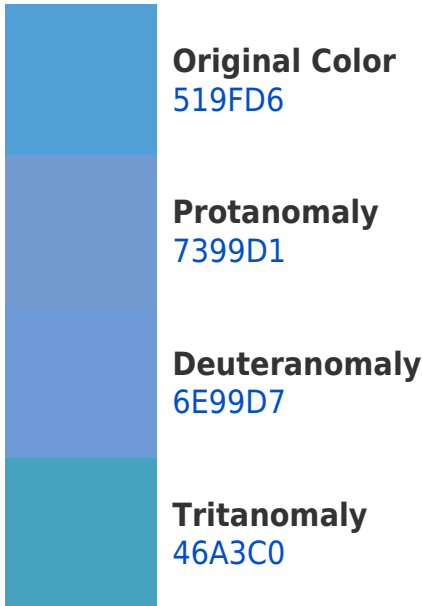
Dichromacy



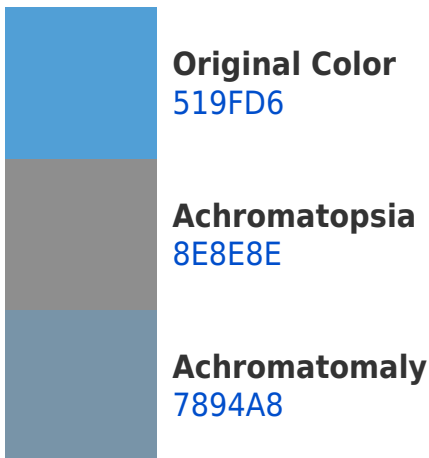


Tritanopia
40A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 519FD6 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 #519FD6 looks like.

```
.text, #text, p{  
    color:#519FD6  
}
```

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 #519FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519FD6  
}
```

Border

The CSS property to change the border of an element to Hex 519FD6 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  
#519FD6 }
```

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

```
.border{ border-color:#519FD6 }
```

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

Here you see how a box with a 4 pixel #519FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519FD6; -webkit-box-shadow:4px 4px  
4px 4px #519FD6; box-shadow:4px 4px 4px  
4px #519FD6 }
```

Background

The CSS property to change the background color of an element to Hex 519FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519FD6 }
```

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

```
.background{ background-color:#519FD6 }
```

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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