

Converting Colors

Hex(59F6FF)

Have a look what the booklet for
Hex(59F6FF) contains.

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Color

Hex(59F6FF)

Conversions

Conversions Part 1

Format	Color
Hex	59F6FF
RGB	89, 246, 255
RGB Percent	35%, 96%, 100%
CMY	0.6510, 0.0353, 0.0000
CMYK	0.65, 0.04, 0.00, 0.00
HSL	183°, 100%, 67%
HSV	183°, 65%, 100%
XYZ	55.1256, 75.2554, 106.2281
YIQ	200.0830, -96.4610, -30.4850

Conversions

Conversions Part 2

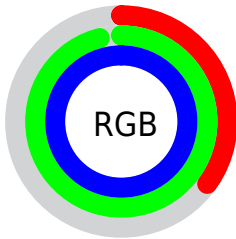
Format	Color
R_{YB}	89, 170, 255
Decimal	5895935
CIE _{Lab}	89.51, -37.82, -16.44
CIE _{LCh}	90, 41.242, 203.497
Yxy	75.2554, 0.2330, 0.3181
Android (android.graphics.Color)	4284086015 (0xFF59F6FF)
YUV	200.0830, 27.0741, -97.4198
Hunter-Lab	86.7499, -38.3836, -11.8777

Details

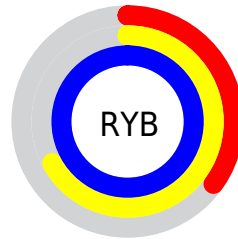
The Hex color **59F6FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF6259**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **9DFFFF**, and **00BDC6** is the 20% darker color. If you saturate the color by 10%, you get **40F5FF**, and if you desaturate by 10%, it is **73F7FF**.

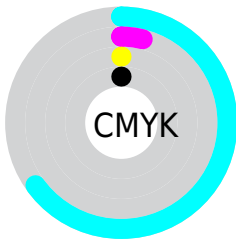
Distribution



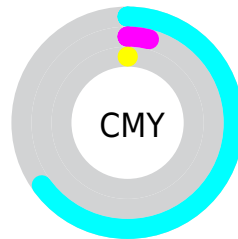
- Red (35%)
- Green (96%)
- Blue (100%)



- Red (35%)
- Yellow (67%)
- Blue (100%)



- Cyan (65%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59F6FF 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 59F6FF by changing the saturation by 10% instead.

 59F6FF

 59F6FF

FFFFFF

 2DD9E2

 9DFFFF

 00BDC6

 BCFFFF

 00A2AB

 DCFFFF

 008791

 FBFFFF

 006D77

 00545E

 003C47

 002730

 00011C

 59F6FF

 59F6FF

 40F5FF

 73F7FF

 26F3FF

 8CF9FF

 0DF2FF

 A6FAFF

 00F1FF

 BFFCFF

 D9FDFD

 F2FEFF

FFFFFF

Harmonies

Analogous

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



7FF6D7



59F6FF



65F1FF

Triad

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



59F6FF



FFCCFF



FFDC93

Complementary

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



59F6FF



FF6259

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.



FFCEA3



59F6FF



FFC4EB

Square

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



59F6FF



DADAFF



FFC5C4



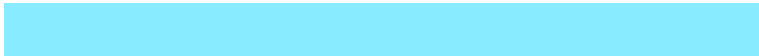
DCE898

Rectangle

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



59F6FF



89EBFF



FFC5C4



FFD796

Sweetspot

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



59F6FF



CCFCFF



59FF61



617E80



000000



808080

Same Dimension

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



59F6FF



38F4FF



59A4FF



737F80



00B5BF



003C40

Inverse Universe

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



FF59F6



FF38F4



FFB459



80737F



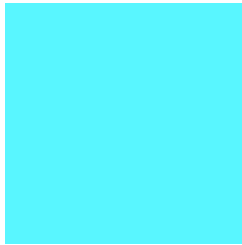
BF00B5



40003C

Previews

White Background



This preview shows how the Hex color 59F6FF looks on a white background.

Color Contrast Check

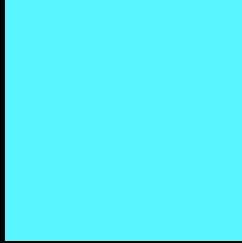
Large Text (above 18pt) WCAG AA × Fail

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 59F6FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

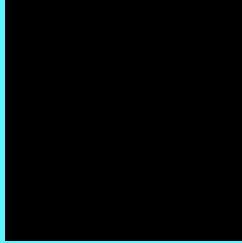
Any Text WCAG AA ✓ Pass

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 59F6FF Background



This preview shows how black text looks on a background with the Hex color 59F6FF.

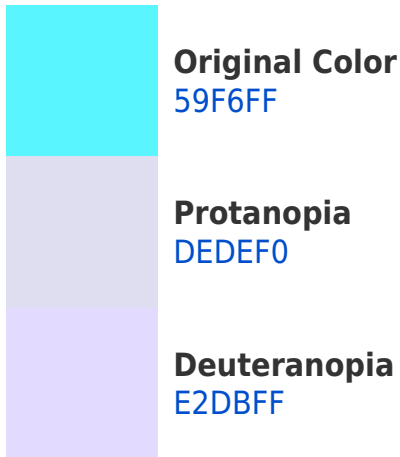


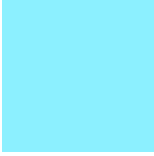
This preview shows how white text looks on a background with the Hex color 59F6FF.

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



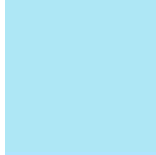


Tritanopia
8CF0FF

Trichromacy



Original Color
59F6FF



Protanomaly
AEE7F5



Deuteranomaly
B0E5FF

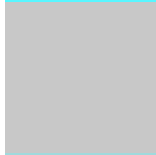


Tritanomaly
79F2FF

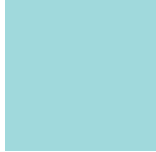
Monochromacy



Original Color
59F6FF



Achromatopsia
C8C8C8



Achromatomaly
A0D9DC

CSS Examples

Text

The CSS property to change the color of the text to Hex 59F6FF 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 #59F6FF looks like.

```
.text, #text, p{  
    color:#59F6FF  
}
```

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 #59F6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59F6FF
}
```

Border

The CSS property to change the border of an element to Hex 59F6FF 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
#59F6FF }
```

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

```
.border{ border-color:#59F6FF }
```

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

Here you see how a box with a 4 pixel #59F6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59F6FF; -webkit-box-shadow:4px 4px  
4px 4px #59F6FF; box-shadow:4px 4px 4px  
4px #59F6FF }
```

Background

The CSS property to change the background color of an element to Hex 59F6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59F6FF }
```

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

```
.background{ background-color:#59F6FF }
```

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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