

# Converting Colors

Hex(59E3FF)

Have a look what the booklet for  
Hex(59E3FF) contains.

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**Color**

**Hex(59E3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59E3FF
RGB	89, 227, 255
RGB Percent	35%, 89%, 100%
CMY	0.6510, 0.1098, 0.0000
CMYK	0.65, 0.11, 0.00, 0.00
HSL	190°, 100%, 67%
HSV	190°, 65%, 100%
XYZ	49.6389, 64.2820, 104.3992
YIQ	188.9300, -91.2360, -20.5480

# Conversions

## Conversions Part 2

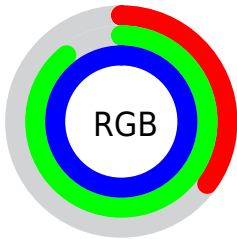
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 164, 255
Decimal	5891071
CIE <sub>Lab</sub>	84.11, -28.87, -24.61
CIE <sub>LCh</sub>	84, 37.932, 220.448
Yxy	64.2820, 0.2274, 0.2944
Android (android.graphics.Color)	4284081151 (0xFF59E3FF)
YUV	188.9300, 32.5725, -87.6386
Hunter-Lab	80.1761, -29.7945, -21.0797

# Details

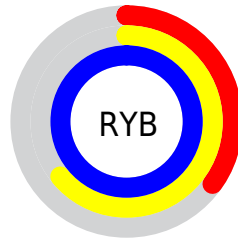
The Hex color **59E3FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF7559**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **9BFFFF**, and **00ABC6** is the 20% darker color. If you saturate the color by 10%, you get **40DFFF**, and if you desaturate by 10%, it is **73E7FF**.

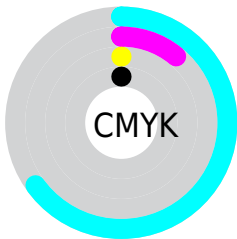
# Distribution



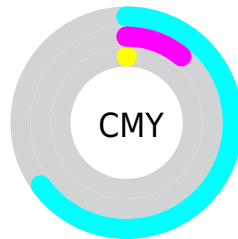
- Red (35%)
- Green (89%)
- Blue (100%)



- Red (35%)
- Yellow (64%)
- Blue (100%)



- Cyan (65%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59E3FF 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 59E3FF by changing the saturation by 10% instead.



 59E3FF

 59E3FF

FFFFFF

 30C7E2

 9BFFFF

 00ABC6

 BAFFFF

 0091AB

 D9FFFF

 007790

 F9FFFF

 005D77

 00455E

 002E46

 001930

 00011B

■ 59E3FF

■ 59E3FF

■ 40DFFF

■ 73E7FF

■ 26DAFF

■ 8CECFF

■ 0DD6FF

■ A6F0FF

■ 00D4FF

■ BFF4FF

■ D9F9FF

■ F2FDFF

FFFFFF

# Harmonies

## Analogous

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



65E5DD



59E3FF



7EDCFF

# Triad

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



59E3FF



FFBAEB



DED48B

# Complementary

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



59E3FF



FF7559

# 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.



FFC88F



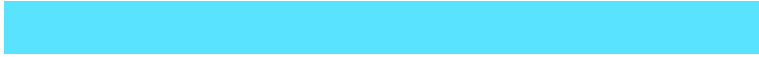
59E3FF



FFB7C6

# Square

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



59E3FF



E7C4FF



FFBCA5



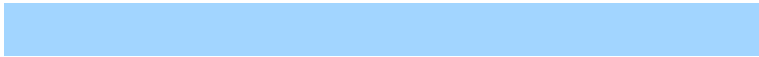
B6DD9A

# Rectangle

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



59E3FF



A2D5FF



FFBCA5



EAD08A

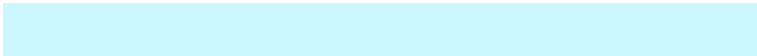


# Sweetspot

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



59E3FF



CCF6FF



59FF75



617A80



000000



808080



# Same Dimension

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



59E3FF



38DDFF



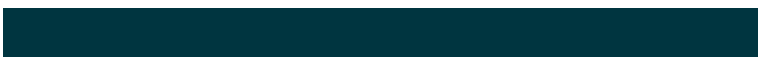
5990FF



737D80



009FBF



003540



# Inverse Universe

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



FF59E3



FF38DD



FFC859



80737D



BF009F



400035



# Previews

## White Background



This preview shows how the Hex color 59E3FF looks on a white background.

## Color Contrast Check

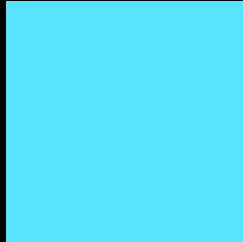
Large Text (above 18pt) WCAG AA × Fail

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 59E3FF 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 59E3FF Background



This preview shows how black text looks on a background with the Hex color 59E3FF.

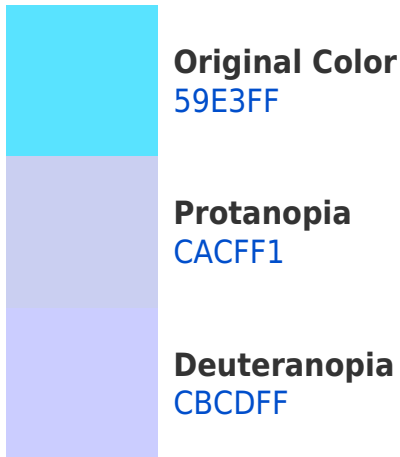


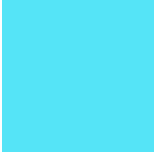
This preview shows how white text looks on a background with the Hex color 59E3FF.

# 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**  
55E4F7

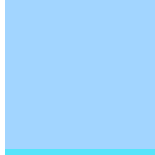
# Trichromacy



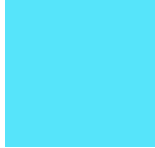
**Original Color**  
59E3FF



**Protanomaly**  
A1D6F6



**Deuteranomaly**  
A2D5FF

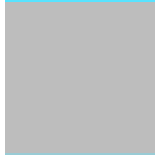


**Tritanomaly**  
56E4FA

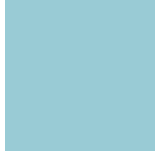
# Monochromacy



**Original Color**  
59E3FF



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
99CBD5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59E3FF 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 #59E3FF looks like.

```
.text, #text, p{  
    color:#59E3FF  
}
```

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 #59E3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E3FF
}
```

## Border

The CSS property to change the border of an element to Hex 59E3FF 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
#59E3FF }
```

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

```
.border{ border-color:#59E3FF }
```

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

Here you see how a box with a 4 pixel #59E3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E3FF; -webkit-box-shadow:4px 4px  
4px 4px #59E3FF; box-shadow:4px 4px 4px  
4px #59E3FF }
```

# Background

The CSS property to change the background color of an element to Hex 59E3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E3FF }
```

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

```
.background{ background-color:#59E3FF }
```

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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