

Converting Colors

Hex(51E4FC)

Have a look what the booklet for
Hex(51E4FC) contains.

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Color

Hex(51E4FC)

Conversions

Conversions Part 1

Format	Color
Hex	51E4FC
RGB	81, 228, 252
RGB Percent	32%, 89%, 99%
CMY	0.6824, 0.1059, 0.0118
CMYK	0.68, 0.10, 0.00, 0.01
HSL	188°, 97%, 65%
HSV	188°, 68%, 99%
XYZ	48.7074, 64.2644, 101.9326
YIQ	186.7830, -95.3160, -23.7000

Conversions

Conversions Part 2

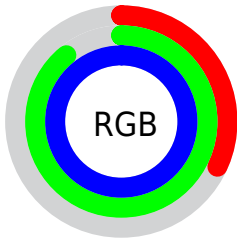
Format	Color
R _Y B	81, 160, 252
Decimal	5367036
CIE Lab	84.10, -31.36, -23.06
CIE LCh	84, 38.926, 216.326
Yxy	64.2644, 0.2266, 0.2990
Android (android.graphics.Color)	4283557116 (0xFF51E4FC)
YUV	186.7830, 32.1520, -92.7717
Hunter-Lab	80.1651, -31.8343, -19.2737

Details

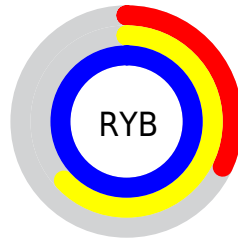
The Hex color **51E4FC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **FC6951**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **95FFFF**, and **00ACC3** is the 20% darker color. If you saturate the color by 10%, you get **38E0FC**, and if you desaturate by 10%, it is **6AE8FC**.

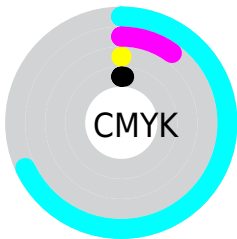
Distribution



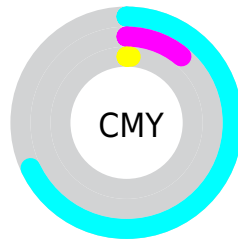
- Red (32%)
- Green (89%)
- Blue (99%)



- Red (32%)
- Yellow (63%)
- Blue (99%)



- Cyan (68%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (68%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Hex color 51E4FC 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 51E4FC by changing the saturation by 10% instead.

 51E4FC

 51E4FC


FFFFFF

 21C8DF

 95FFFF

 00ACC3

 B5FFFF

 0091A8

 D4FFFF

 00778E

 F3FFFF

 005E74

 00465B

 002F44

 00192D

 000119

 51E4FC

 51E4FC

 38E0FC

 6AE8FC

 1FDDFC

 83EBFC

 05D9FC

 9DEFFC

 00D9FC

 B6F2FC

 CFF6FC

 E8F9FC

 FFFDFC

FFFFFFC

Harmonies

Analogous

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



65E6D9



51E4FC



73DDFF

Triad

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



51E4FC



FFBAF0



E3D288

Complementary

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



51E4FC



FC6951

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.



FFC58F



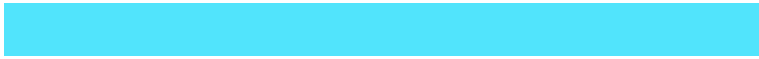
51E4FC



FFB6CB

Square

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



51E4FC



E1C6FF



FFBAA8



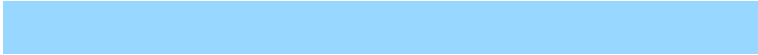
BBDD96

Rectangle

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



51E4FC



98D7FF



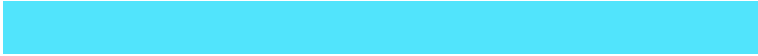
FFBAA8



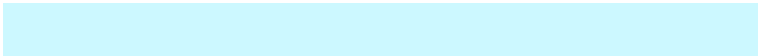
EFCE88

Sweetspot

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



51E4FC



CCF8FF



51FC68



617B80



000000



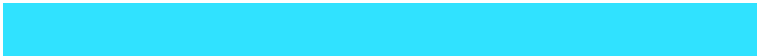
808080

Same Dimension

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



51E4FC



30E2FF



5190FC



707B7D



00A2BD



00353D

Inverse Universe

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



FC51E4



FF30E2



FCBD51



7D707B



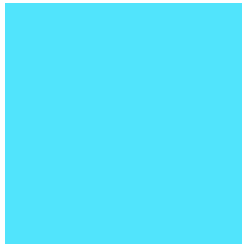
BD00A2



3D0035

Previews

White Background



This preview shows how the Hex color 51E4FC looks on a white background.

Color Contrast Check

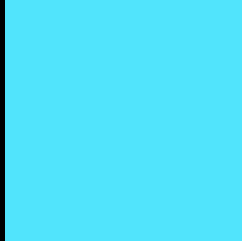
Large Text (above 18pt) WCAG AA × Fail

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 51E4FC 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 51E4FC Background



This preview shows how black text looks on a background with the Hex color 51E4FC.



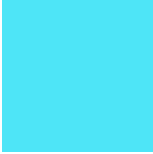
This preview shows how white text looks on a background with the Hex color 51E4FC.

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
4EE5F7

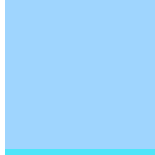
Trichromacy



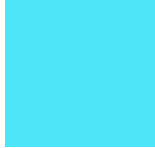
Original Color
51E4FC



Protanomaly
9FD7F3



Deuteranomaly
9FD5FE

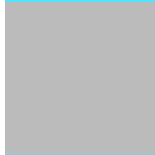


Tritanomaly
4FE5F9

Monochromacy



Original Color
51E4FC



Achromatopsia
BBBBBB



Achromatomaly
94CAD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 51E4FC 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 #51E4FC looks like.

```
.text, #text, p{  
    color:#51E4FC  
}
```

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 #51E4FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51E4FC
}
```

Border

The CSS property to change the border of an element to Hex 51E4FC 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
#51E4FC }
```

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

```
.border{ border-color:#51E4FC }
```

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

Here you see how a box with a 4 pixel #51E4FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51E4FC; -webkit-box-shadow:4px 4px  
4px 4px #51E4FC; box-shadow:4px 4px 4px  
4px #51E4FC }
```

Background

The CSS property to change the background color of an element to Hex 51E4FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51E4FC }
```

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

```
.background{ background-color:#51E4FC }
```

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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