

Converting Colors

Hex(54EAFf)

Have a look what the booklet for
Hex(54EAFF) contains.

Hex(54EAFF)	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(54EAFF)

Conversions

Conversions Part 1

Format	Color
Hex	54EAFF
RGB	84, 234, 255
RGB Percent	33%, 92%, 100%
CMY	0.6706, 0.0824, 0.0000
CMYK	0.67, 0.08, 0.00, 0.00
HSL	187°, 100%, 66%
HSV	187°, 67%, 100%
XYZ	51.1290, 67.9505, 105.0287
YIQ	191.5440, -96.1410, -25.2690

Conversions

Conversions Part 2

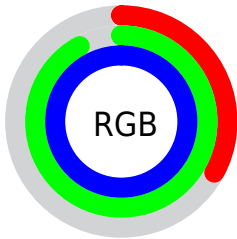
Format	Color
R _Y B	84, 164, 255
Decimal	5565183
CIE Lab	85.98, -32.93, -21.78
CIE LCh	86, 39.485, 213.479
Yxy	67.9505, 0.2281, 0.3032
Android (android.graphics.Color)	4283755263 (0xFF54EAF7)
YUV	191.5440, 31.2838, -94.3161
Hunter-Lab	82.4321, -33.5404, -17.8404

Details

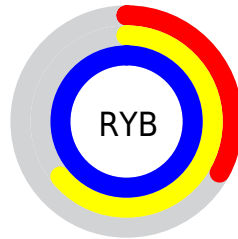
The Hex color **54EAFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF6954**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **98FFFF**, and **00B2C6** is the 20% darker color. If you saturate the color by 10%, you get **3AE7FF**, and if you desaturate by 10%, it is **6DEDFF**.

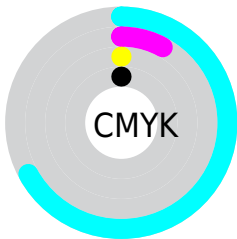
Distribution



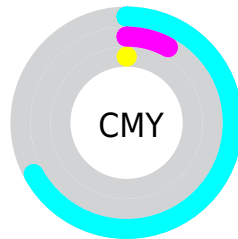
- Red (33%)
- Green (92%)
- Blue (100%)



- Red (33%)
- Yellow (64%)
- Blue (100%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54EAFB 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 54EAFB by changing the saturation by 10% instead.

 54EAF7

 54EAF7

FFFFFF

 26CEE2

 98FFFF

 00B2C6

 B8FFFF

 0097AB

 D7FFFF

 007D90

 F6FFFF

 006377

 004B5E

 003346

 001F30

 00011B

 54EAFF

 54EAFF

 3AE7FF

 6DEDFF

 21E4FF

 87F0FF

 08E1FF

 A1F3FF

 00E0FF

 BAF7FF

 D3FAFF

 EDFDFF

FFFFFF

Harmonies

Analogous

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



6CEBDA



54EAFF



72E4FF

Triad

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



54EAFF



FFC0F9



ECD68C

Complementary

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



54EAFF



FF6954

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.



FFC995



54EAFF



FFBBD4

Square

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



54EAFF



E2CCFF



FFBF80



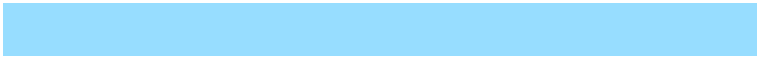
C4E198

Rectangle

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



54EAFF



97DDFF



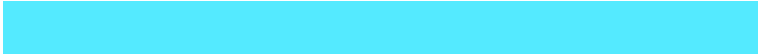
FFBFB0



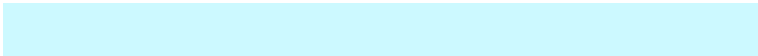
F8D28D

Sweetspot

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



54EAFF



CCF9FF



54FF68



617C80



000000



808080

Same Dimension

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



54EAFB



33E6FF



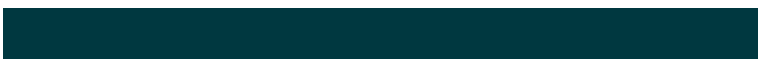
5496FF



737E80



00A8BF



003840

Inverse Universe

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



FF54EA



FF33E6



FFBD54



80737E



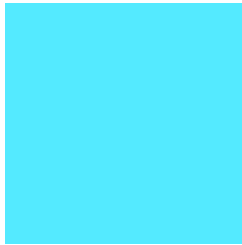
BF00A8



400038

Previews

White Background



This preview shows how the Hex color 54EAF7 looks on a white background.

Color Contrast Check

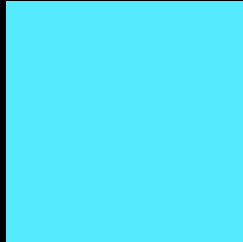
Large Text (above 18pt) WCAG AA × Fail

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 54EAFF 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 54EAFB Background



This preview shows how black text looks on a background with the Hex color 54EAFB.

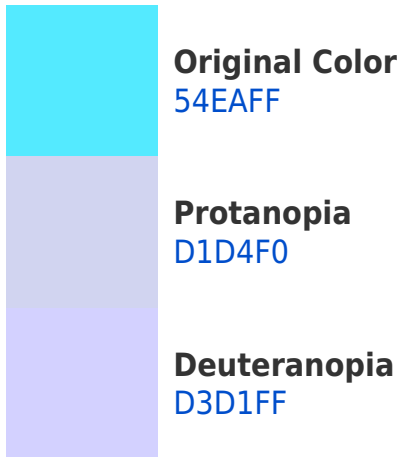


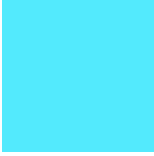
This preview shows how white text looks on a background with the Hex color 54EAFB.

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



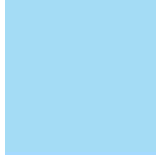


Tritanopia
53EAFD

Trichromacy



Original Color
54EAFF



Protanomaly
A4DCF5



Deuteranomaly
A5DAFF

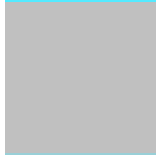


Tritanomaly
53EAFE

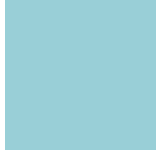
Monochromacy



Original Color
54EAFF



Achromatopsia
C0C0C0



Achromatomaly
99CFD7

CSS Examples

Text

The CSS property to change the color of the text to Hex 54EAFF 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 #54EAFF looks like.

```
.text, #text, p{  
    color:#54EAFF  
}
```

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 #54EAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54EAFF
}
```

Border

The CSS property to change the border of an element to Hex 54EAFF 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
#54EAFF }
```

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

```
.border{ border-color:#54EAFf }
```

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

Here you see how a box with a 4 pixel #54EAFf colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54EAFf; -webkit-box-shadow:4px 4px  
4px 4px #54EAFf; box-shadow:4px 4px 4px  
4px #54EAFf }
```

Background

The CSS property to change the background color of an element to Hex 54EAFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54EAFB }
```

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

```
.background{ background-color:#54EAFB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor