

Converting Colors

Hex(53EBFF)

Have a look what the booklet for
Hex(53EBFF) contains.

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Color

Hex(53EBFF)

Conversions

Conversions Part 1

Format	Color
Hex	53EBFF
RGB	83, 235, 255
RGB Percent	33%, 92%, 100%
CMY	0.6745, 0.0784, 0.0000
CMYK	0.67, 0.08, 0.00, 0.00
HSL	187°, 100%, 66%
HSV	187°, 67%, 100%
XYZ	51.3256, 68.4757, 105.1197
YIQ	191.8320, -97.0120, -26.0040

Conversions

Conversions Part 2

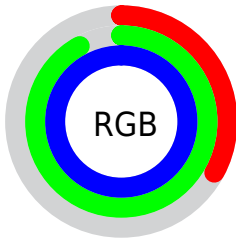
Format	Color
RYB	83, 164, 255
Decimal	5499903
CIELab	86.24, -33.54, -21.39
CIELCh	86, 39.780, 212.521
Yxy	68.4757, 0.2282, 0.3044
Android (android.graphics.Color)	4283689983 (0xFF53EBFF)
YUV	191.8320, 31.1418, -95.4457
Hunter-Lab	82.7500, -34.0981, -17.3928

Details

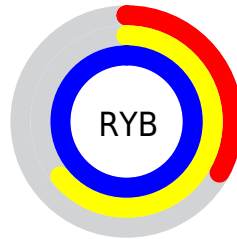
The Hex color **53EBFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF6753**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **97FFFF**, and **00B3C6** is the 20% darker color. If you saturate the color by 10%, you get **39E8FF**, and if you desaturate by 10%, it is **6CEEFF**.

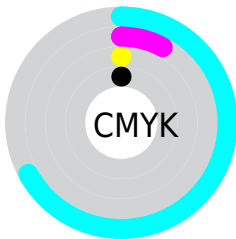
Distribution



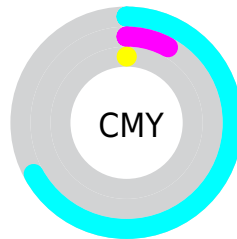
- Red (33%)
- Green (92%)
- Blue (100%)



- 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 53EBFF 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 53EBFF by changing the saturation by 10% instead.

 53EBFF

 53EBFF

FFFFFF

 24CFE2

 97FFFF

 00B3C6

 B7FFFF

 0098AB

 D7FFFF

 007D90

 F6FFFF

 006477

 004B5E

 003446

 002030

 00011B

 53EBFF

 53EBFF

 39E8FF

 6CEEFF

 20E5FF

 86F1FF

 07E2FF

 A0F4FF

 00E1FF

 B9F7FF

 D3FAFF

 ECFDFF

FFFFFF

Harmonies

Analogous

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



6DECDA



53EBFF



70E5FF

Triad

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



53EBFF



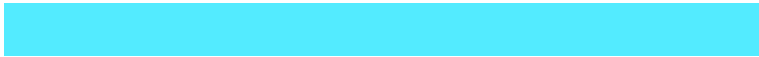
FFC1FB



EED68C

Complementary

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



53EBFF



FF6753

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.



FFCA96



53EBFF



FFBBD6

Square

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



53EBFF



E1CFFF



FFBFB1



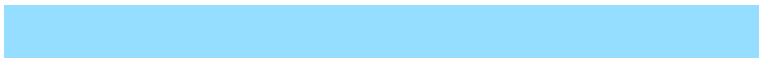
C6E297

Rectangle

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



53EBFF



95DEFF



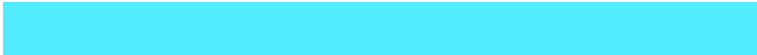
FFBFB1



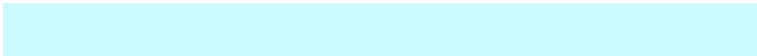
FAD28D

Sweetspot

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



53EBFF



CCF9FF



53FF64



617C80



000000



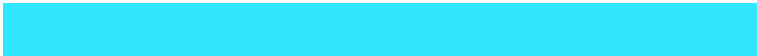
808080

Same Dimension

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



53EBFF



30E7FF



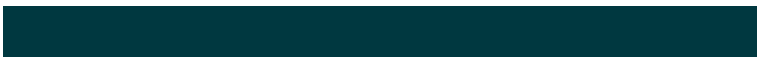
5398FF



737E80



00A9BF



003840

Inverse Universe

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



FF53EB



FF30E7



FFBA53



80737E



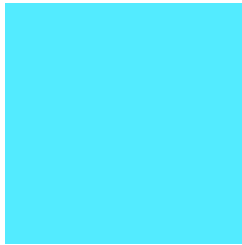
BF00A9



400038

Previews

White Background



This preview shows how the Hex color 53EBFF looks on a white background.

Color Contrast Check

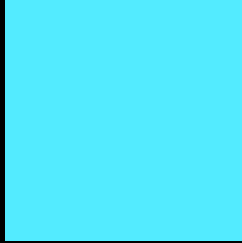
Large Text (above 18pt) WCAG AA × Fail

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 53EBFF 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 53EBFF Background



This preview shows how black text looks on a background with the Hex color 53EBFF.

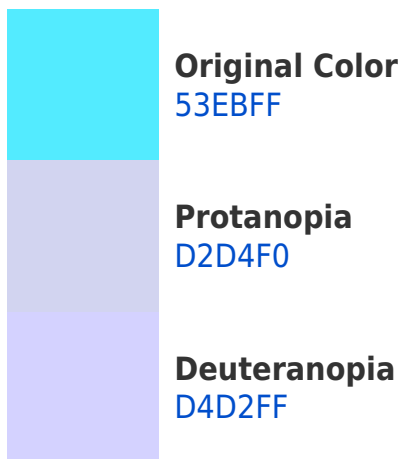


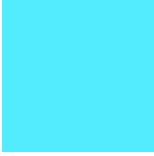
This preview shows how white text looks on a background with the Hex color 53EBFF.

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



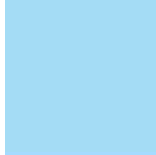


Tritanopia
53EBFE

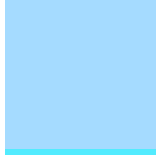
Trichromacy



Original Color
53EBFF



Protanomaly
A4DCF5



Deuteranomaly
A5DBFF

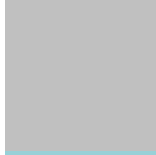


Tritanomaly
53EBFE

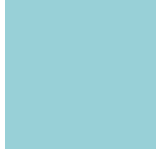
Monochromacy



Original Color
53EBFF



Achromatopsia
C0C0C0



Achromatomaly
98D0D7

CSS Examples

Text

The CSS property to change the color of the text to Hex 53EBFF 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 #53EBFF looks like.

```
.text, #text, p{  
    color:#53EBFF  
}
```

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 #53EBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53EBFF
}
```

Border

The CSS property to change the border of an element to Hex 53EBFF 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
#53EBFF }
```

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

```
.border{ border-color:#53EBFF }
```

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

Here you see how a box with a 4 pixel #53EBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53EBFF; -webkit-box-shadow:4px 4px  
4px 4px #53EBFF; box-shadow:4px 4px 4px  
4px #53EBFF }
```

Background

The CSS property to change the background color of an element to Hex 53EBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53EBFF }
```

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

```
.background{ background-color:#53EBFF }
```

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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