

Converting Colors

Hex(53CCFF)

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

Hex(53CCFF)	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(53CCFF)

Conversions

Conversions Part 1

Format	Color
Hex	53CCFF
RGB	83, 204, 255
RGB Percent	33%, 80%, 100%
CMY	0.6745, 0.2000, 0.0000
CMYK	0.67, 0.20, 0.00, 0.00
HSL	198°, 100%, 66%
HSV	198°, 67%, 100%
XYZ	43.2101, 52.2447, 102.4146
YIQ	173.6350, -88.4870, -9.7910

Conversions

Conversions Part 2

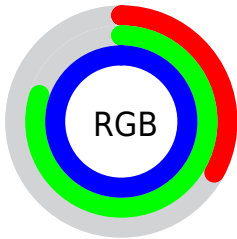
Format	Color
R _Y B	83, 154, 255
Decimal	5491967
CIE Lab	77.43, -18.24, -34.88
CIE LCh	77, 39.360, 242.390
Yxy	52.2447, 0.2184, 0.2640
Android (android.graphics.Color)	4283682047 (0xFF53CCFF)
YUV	173.6350, 40.1129, -79.4869
Hunter-Lab	72.2805, -19.7815, -33.4119

Details

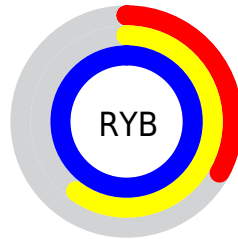
The Hex color **53CCFF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF8653**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **95FFFF**, and **0096C6** is the 20% darker color. If you saturate the color by 10%, you get **39C4FF**, and if you desaturate by 10%, it is **6CD4FF**.

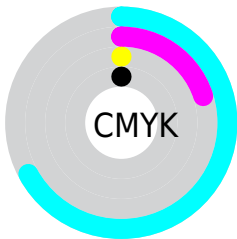
Distribution



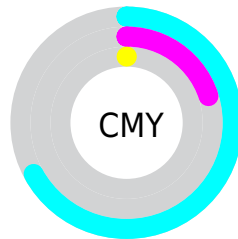
- Red (33%)
- Green (80%)
- Blue (100%)



- Red (33%)
- Yellow (60%)
- Blue (100%)



- Cyan (67%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53CCFF 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 53CCFF by changing the saturation by 10% instead.

 53CCFF

 53CCFF

FFFFFF

 28B1E2

 95FFFF

 0096C6

 B4FFFF

 007CAB

 D3FFFF

 006390

 F2FFFF

 004B76

 00345D

 002045

 00042F

 000119

■ 53CCFF

■ 53CCFF

■ 39C4FF

■ 6CD4FF

■ 20BDFF

■ 86DBFF

■ 07B5FF

■ A0E3FF

■ 00B3FF

■ B9EAFF

■ D3F2FF

■ ECF9FF

FFFFFF

Harmonies

Analogous

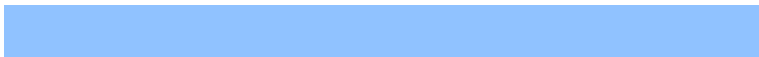
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30D2E5



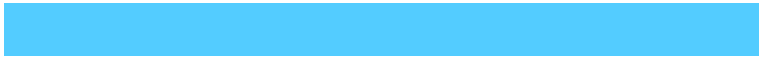
53CCFF



90C2FF

Triad

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



53CCFF



FFA3BE



AEC980

Complementary

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



53CCFF



FF8653

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.



D5BE76



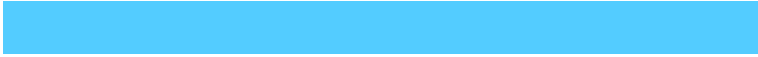
53CCFF



FFA79A

Square

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



53CCFF



F0A9E2



F3B180



83D09C

Rectangle

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



53CCFF



B6B9FF



F3B180



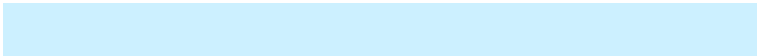
BCC67B

Sweetspot

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



53CCFF



CCF0FF



53FF84



617680



000000



808080

Same Dimension

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



53CCFF



30C2FF



5378FF



737C80



0087BF



002D40

Inverse Universe

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



FF53CC



FF30C2



FFDA53



80737C



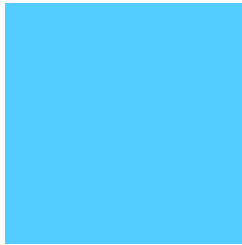
BF0087



40002D

Previews

White Background



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

Color Contrast Check

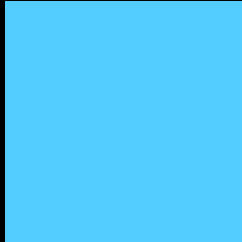
Large Text (above 18pt) WCAG AA × Fail

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 53CCFF 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

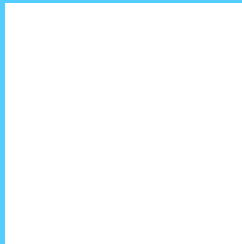
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 53CCFF Background



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

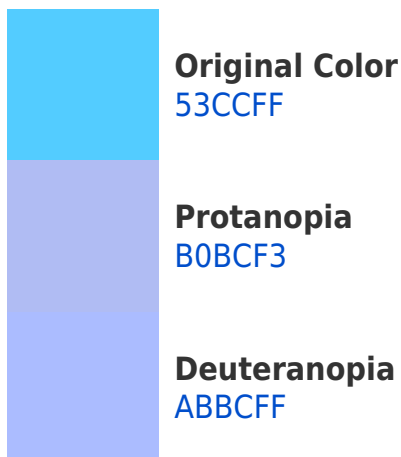


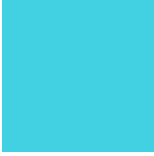
This preview shows how white text looks on a background with the Hex color 53CCFF.

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](#).

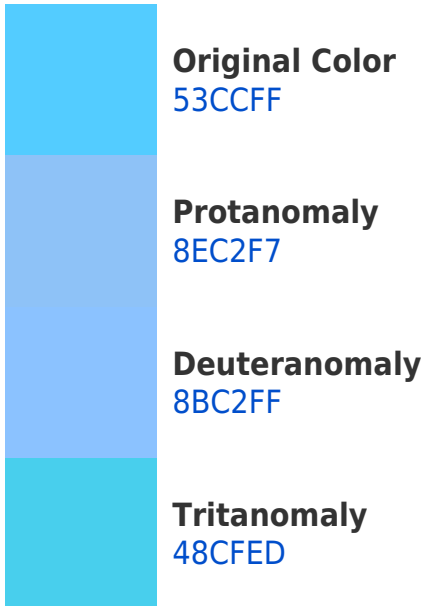
Dichromacy



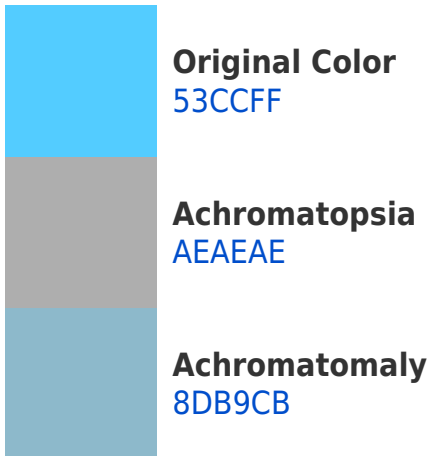


Tritanopia
42D1E2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #53CCFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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