

Converting Colors

Hex(53FFFF)

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

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Color

Hex(53FFFF)

Conversions

Conversions Part 1

Format	Color
Hex	53FFFF
RGB	83, 255, 255
RGB Percent	33%, 100%, 100%
CMY	0.6745, 0.0000, 0.0000
CMYK	0.67, 0.00, 0.00, 0.00
HSL	180°, 100%, 66%
HSV	180°, 67%, 100%
XYZ	57.3773, 80.5790, 107.1369
YIQ	203.5720, -102.5120, -36.4640

Conversions

Conversions Part 2

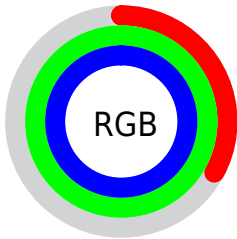
Format	Color
R _Y B	83, 169, 255
Decimal	5505023
CIE Lab	91.94, -42.70, -12.81
CIE LCh	92, 44.582, 196.705
Yxy	80.5790, 0.2341, 0.3288
Android (android.graphics.Color)	4283695103 (0xFF53FFFF)
YUV	203.5720, 25.3540, -105.7416
Hunter-Lab	89.7658, -42.9950, -7.9275

Details

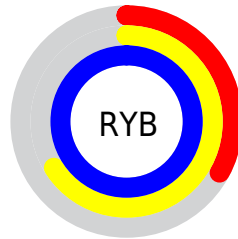
The Hex color **53FFFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF5353**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **99FFFF**, and **00C6C6** is the 20% darker color. If you saturate the color by 10%, you get **39FFFF**, and if you desaturate by 10%, it is **6CFFFF**.

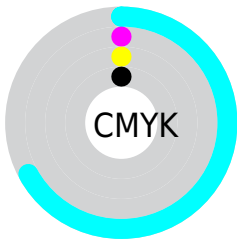
Distribution



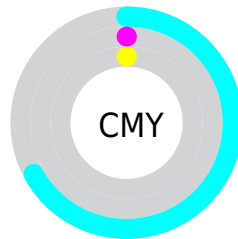
- Red (33%)
- Green (100%)
- Blue (100%)



- Red (33%)
- Yellow (66%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 53FFFF

 53FFFF

FFFFFF

 20E2E2


 99FFFF

 00C6C6

 BAffff

 00AAAB

 D9FFFF

 008F91

 F9FFFF

 007577

 005B5E

 004347

 002C30

 000E1C

 53FFFF

 53FFFF

 39FFFF

 6CFFFF

 20FFFF

 86FFFF

 07FFFF

 A0FFFF

 00FFFF

 B9FFFF

 D3FFFF

 ECFFFF

FFFFFF

Harmonies

Analogous

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



87FED3



53FFFF



4EFBFF

Triad

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



53FFFF



FFD4FF



FFDF95

Complementary

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



53FFFF



FF5353

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.



FFD0AB



53FFFF



FFC9FD

Square

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



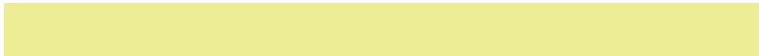
53FFFF



D2E4FF



FFC8D1



EDED95

Rectangle

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



53FFFF



75F5FF



FFC8D1



FFDA9A

Sweetspot

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



53FFFF



CCFFFF



53FF53



618080



000000



808080

Same Dimension

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



53FFFF



30FFFF



53A9FF



738080



00BFBF



004040

Inverse Universe

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



FF53FF



FF30FF



FFA953



807380



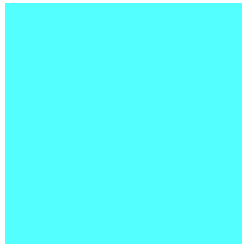
BF00BF



400040

Previews

White Background



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

Color Contrast Check

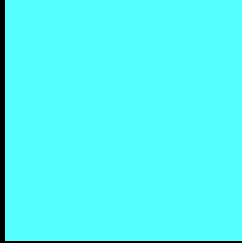
Large Text (above 18pt) WCAG AA × Fail

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 53FFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

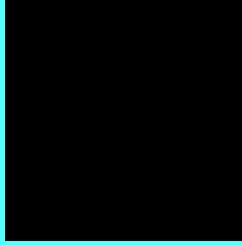
Any Text WCAG AA ✓ Pass

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 53FFFF Background



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

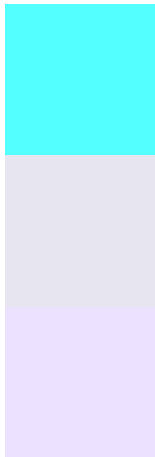


This preview shows how white text looks on a background with the Hex color 53FFFF.

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](#).

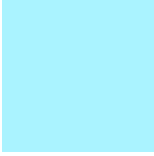
Dichromacy



Original Color
53FFFF

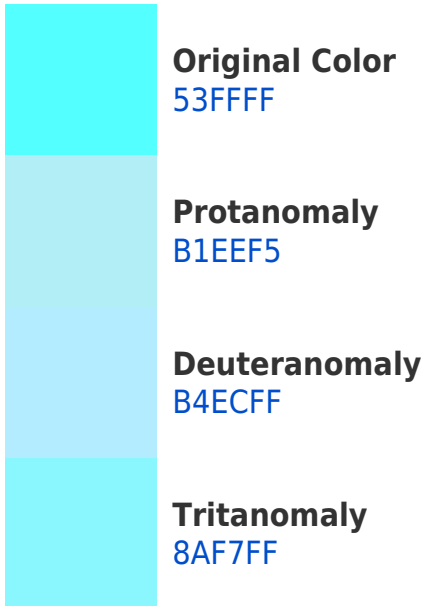
Protanopia
E7E5EF

Deuteranopia
ECE1FF

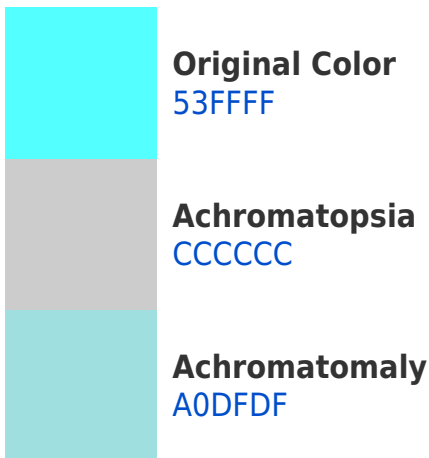


Tritanopia
AAF3FF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #53FFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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