

Converting Colors

Hex(56FAFF)

Have a look what the booklet for
Hex(56FAFF) contains.

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Color

Hex(56FAFF)

Conversions

Conversions Part 1

Format	Color
Hex	56FAFF
RGB	86, 250, 255
RGB Percent	34%, 98%, 100%
CMY	0.6627, 0.0196, 0.0000
CMYK	0.66, 0.02, 0.00, 0.00
HSL	182°, 100%, 67%
HSV	182°, 66%, 100%
XYZ	56.0734, 77.5696, 106.6248
YIQ	201.5340, -99.3490, -33.2130

Conversions

Conversions Part 2

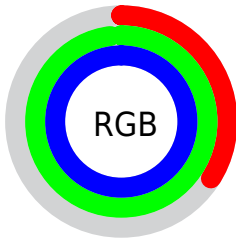
Format	Color
RYB	86, 169, 255
Decimal	5700351
CIELab	90.58, -40.06, -14.84
CIELCh	91, 42.722, 200.331
Yxy	77.5696, 0.2334, 0.3228
Android (android.graphics.Color)	4283890431 (0xFF56FAFF)
YUV	201.5340, 26.3587, -101.3233
Hunter-Lab	88.0736, -40.4842, -10.1269

Details

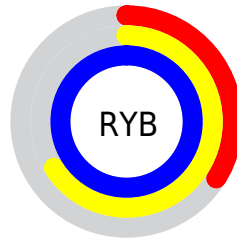
The Hex color **56FAFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF5B56**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **9BFFFF**, and **00C1C6** is the 20% darker color. If you saturate the color by 10%, you get **3DF9FF**, and if you desaturate by 10%, it is **70FBFF**.

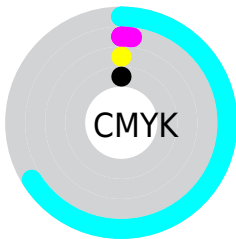
Distribution



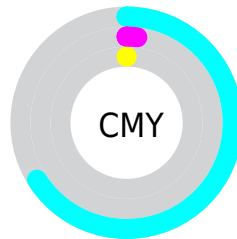
- Red (34%)
- Green (98%)
- Blue (100%)



- Red (34%)
- Yellow (66%)
- Blue (100%)



- Cyan (66%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56FAFF 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 56FAFF by changing the saturation by 10% instead.

 56FAFF

 56FAFF

FFFFFF

 27DDE2

 9BFFFF

 00C1C6

 BBFFFF

 00A5AB

 DAFFFF

 008A91

 FAFFFF

 007077

 00575E

 003F47

 002930

 00061C


 56FAFF

 56FAFF

 3DF9FF

 70FBFF

 23F8FF

 89FCFF

 0AF8FF

 A3FCFF

 00F7FF

 BCFDFF

 D6FEFF

 EFFFFFF

FFFFFF

Harmonies

Analogous

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



82F9D5



56FAFF



5CF6FF

Triad

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



56FAFF



FFD0FF



FFDD93

Complementary

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



56FAFF



FF5B56

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.



FFCFA7



56FAFF



FFC6F3

Square

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



56FAFF



D6DEFF



FFC6CA



E3EA96

Rectangle

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



56FAFF



80F0FF



FFC6CA



FFD898

Sweetspot

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



56FAFF



CCFDFF



56FF59



617F80



000000



808080

Same Dimension

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



56FAFF



33F9FF



56A8FF



737F80



00BABF



003E40

Inverse Universe

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



FF56FA



FF33F9



FFAD56



80737F



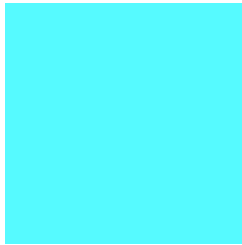
BF00BA



40003E

Previews

White Background



This preview shows how the Hex color 56FAFF looks on a white background.

Color Contrast Check

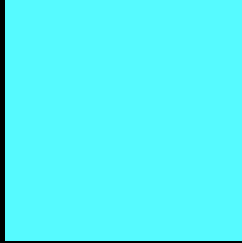
Large Text (above 18pt) WCAG AA × Fail

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 56FAFF 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 56FAFF Background



This preview shows how black text looks on a background with the Hex color 56FAFF.

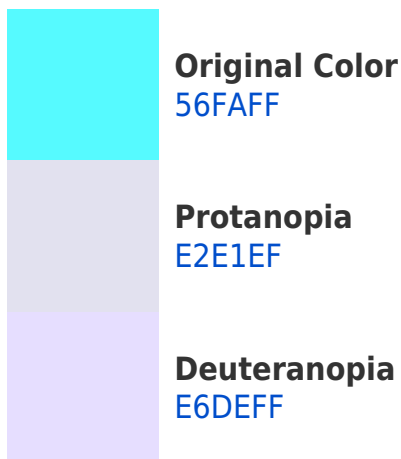


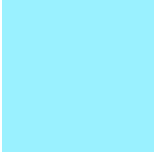
This preview shows how white text looks on a background with the Hex color 56FAFF.

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



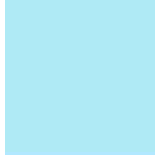


Tritanopia
9AF1FF

Trichromacy



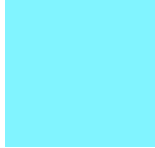
Original Color
56FAFF



Protanomaly
AFEAF5



Deuteranomaly
B2E8FF

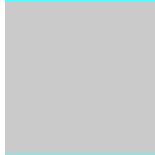


Tritanomaly
81F4FF

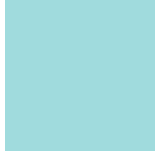
Monochromacy



Original Color
56FAFF



Achromatopsia
CACACA



Achromatomaly
A0DBDD

CSS Examples

Text

The CSS property to change the color of the text to Hex 56FAFF 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 #56FAFF looks like.

```
.text, #text, p{  
    color:#56FAFF  
}
```

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 #56FAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56FAFF
}
```

Border

The CSS property to change the border of an element to Hex 56FAFF 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
#56FAFF }
```

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

```
.border{ border-color:#56FAFF }
```

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

Here you see how a box with a 4 pixel #56FAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56FAFF; -webkit-box-shadow:4px 4px  
4px 4px #56FAFF; box-shadow:4px 4px 4px  
4px #56FAFF }
```

Background

The CSS property to change the background color of an element to Hex 56FAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56FAFF }
```

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

```
.background{ background-color:#56FAFF }
```

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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