

Converting Colors

Hex(56EBFF)

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

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Color

Hex(56EBFF)

Conversions

Conversions Part 1

Format	Color
Hex	56EBFF
RGB	86, 235, 255
RGB Percent	34%, 92%, 100%
CMY	0.6627, 0.0784, 0.0000
CMYK	0.66, 0.08, 0.00, 0.00
HSL	187°, 100%, 67%
HSV	187°, 66%, 100%
XYZ	51.5961, 68.6151, 105.1324
YIQ	192.7290, -95.2240, -25.3680

Conversions

Conversions Part 2

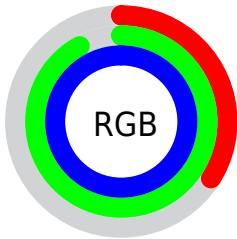
Format	Color
R _Y B	86, 165, 255
Decimal	5696511
CIE Lab	86.31, -33.13, -21.27
CIE LCh	86, 39.371, 212.709
Yxy	68.6151, 0.2290, 0.3045
Android (android.graphics.Color)	4283886591 (0xFF56EBFF)
YUV	192.7290, 30.6996, -93.6013
Hunter-Lab	82.8342, -33.7752, -17.2663

Details

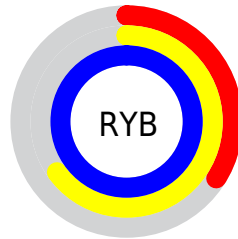
The Hex color **56EBFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF6A56**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **99FFFF**, and **00B3C6** is the 20% darker color. If you saturate the color by 10%, you get **3DE8FF**, and if you desaturate by 10%, it is **70EEFF**.

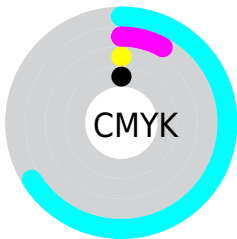
Distribution



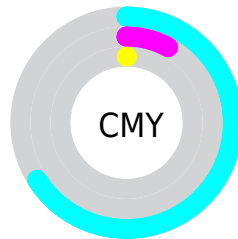
- Red (34%)
- Green (92%)
- Blue (100%)



- Red (34%)
- Yellow (65%)
- Blue (100%)



- Cyan (66%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 56EBFF

 56EBFF

FFFFFF

 29CFE2

 99FFFF

 00B3C6

 B9FFFF

 0098AB

 D8FFFF

 007D90

 F8FFFF

 006477

 004B5E

 003446

 002030

 00011B


 56EBFF

 56EBFF

 3DE8FF

 70EEFF

 23E5FF

 89F1FF

 0AE2FF

 A3F4FF

 00E1FF

 BCF7FF

 D6FAFF

 EFFDFF

FFFFFF

Harmonies

Analogous

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



6FECDA



56EBFF



72E5FF

Triad

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



56EBFF



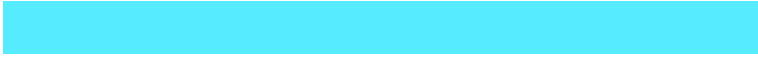
FFC1FB



EED78D

Complementary

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



56EBFF



FF6A56

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.



FFCA97



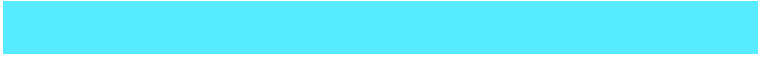
56EBFF



FFBCD6

Square

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



56EBFF



E1CFFF



FFBFB1



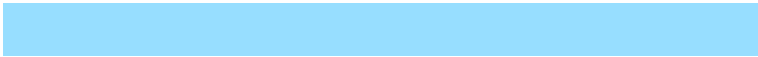
C6E298

Rectangle

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



56EBFF



97DEFF



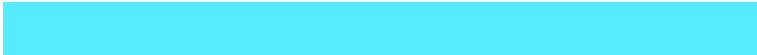
FFBFB1



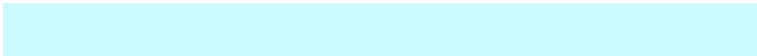
FAD38E

Sweetspot

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



56EBFF



CCF9FF



56FF6A



617C80



000000



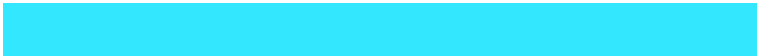
808080

Same Dimension

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



56EBFF



33E7FF



5697FF



737E80



00A9BF



003840

Inverse Universe

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



FF56EB



FF33E7



FFBE56



80737E



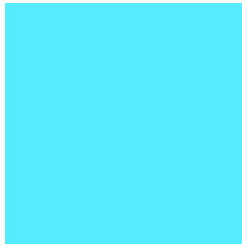
BF00A9



400038

Previews

White Background



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

Color Contrast Check

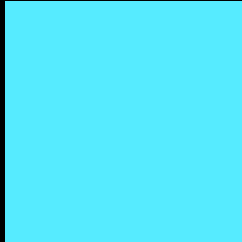
Large Text (above 18pt) WCAG AA × Fail

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 56EBFF 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 56EBFF Background



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

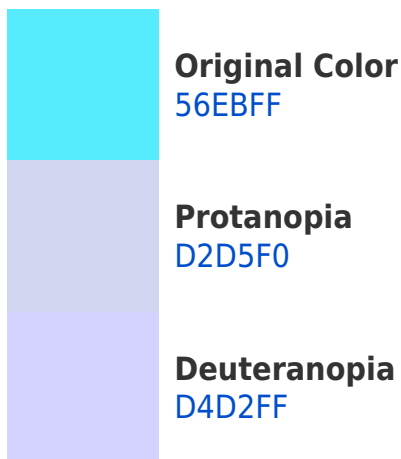


This preview shows how white text looks on a background with the Hex color 56EBFF.

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



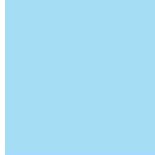


Tritanopia
56EBFE

Trichromacy



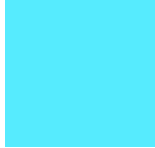
Original Color
56EBFF



Protanomaly
A5DDF5



Deuteranomaly
A6DBFF

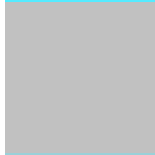


Tritanomaly
56EBFE

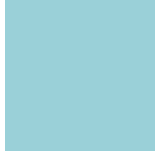
Monochromacy



Original Color
56EBFF



Achromatopsia
C1C1C1



Achromatomaly
9AD0D8

CSS Examples

Text

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

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

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 #56EBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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