

Converting Colors

Hex(5FB4FF)

Have a look what the booklet for
Hex(5FB4FF) contains.

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Color

Hex(5FB4FF)

Conversions

Conversions Part 1

Format	Color
Hex	5FB4FF
RGB	95, 180, 255
RGB Percent	37%, 71%, 100%
CMY	0.6275, 0.2941, 0.0000
CMYK	0.63, 0.29, 0.00, 0.00
HSL	208°, 100%, 69%
HSV	208°, 63%, 100%
XYZ	39.0906, 42.2954, 100.7113
YIQ	163.1350, -74.7350, 5.3050

Conversions

Conversions Part 2

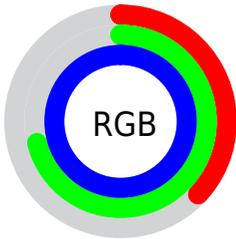
Format	Color
R _Y B	95, 151, 255
Decimal	6272255
CIE Lab	71.07, -3.49, -44.74
CIE LCh	71, 44.874, 265.544
Yxy	42.2954, 0.2147, 0.2323
Android (android.graphics.Color)	4284462335 (0xFF5FB4FF)
YUV	163.1350, 45.2894, -59.7544
Hunter-Lab	65.0349, -6.5200, -46.2904

Details

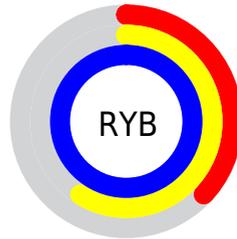
The Hex color **5FB4FF** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **FFAA5F**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9EECFE**, and **0080C6** is the 20% darker color. If you saturate the color by 10%, you get **45A8FF**, and if you desaturate by 10%, it is **79C0FF**.

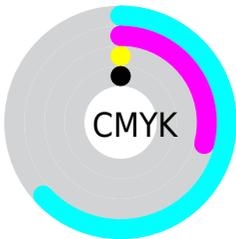
Distribution



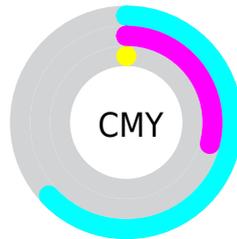
- Red (37%)
- Green (71%)
- Blue (100%)



- Red (37%)
- Yellow (59%)
- Blue (100%)



- Cyan (63%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FB4FF 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 5FB4FF by changing the saturation by 10% instead.

 5FB4FF

 5FB4FF

FFFFFF

 3B99E2

 9EECFE

 0080C6

 BCFFFE

 0067AA

 DBFFFE

 004F90

 F9FFFE

 003975

 00245C

 000E44

 00032D

 000118

■ 5FB4FF

■ 5FB4FF

■ 45A8FF

■ 79C0FF

■ 2C9CFF

■ 92CCFF

■ 1290FF

■ ACD8FF

■ 0087FF

■ C5E4FF

■ DFF0FF

■ F8FCFF

FFFFFF

Harmonies

Analogous

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



00BEF0



5FB4FF



A9A6F8

Triad

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



5FB4FF



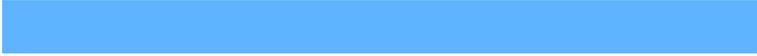
FC8F8D



73BF7E

Complementary

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



5FB4FF



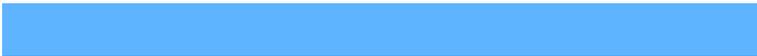
FFA5F

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.



A4B662



5FB4FF



EC9B6C

Square

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



5FB4FF



F78DB6



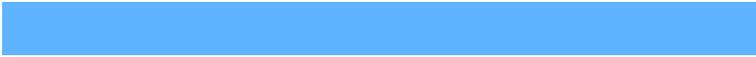
CDAA5B



2DC3A6

Rectangle

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



5FB4FF



CD9BE8



CDAA5B



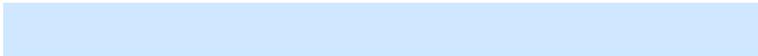
85BC73

Sweetspot

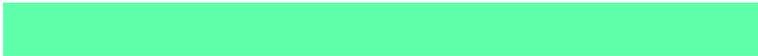
The Sweet Spot groups the original color and five complimentary colors.



5FB4FF



CFE8FF



5FFFAA



627280



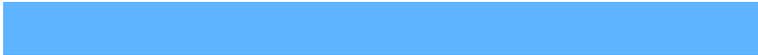
000000



808080

Same Dimension

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



5FB4FF



40A5FF



5F64FF



737A80



0066BF



002240

Inverse Universe

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



FF5FB4



FF40A5



FFFA5F



80737A



BF0066



400022

Previews

White Background



This preview shows how the Hex color 5FB4FF looks on a white background.

Color Contrast Check

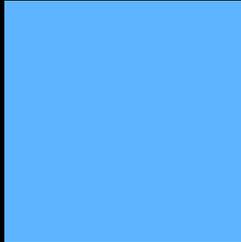
Large Text (above 18pt) WCAG AA × Fail

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 5FB4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

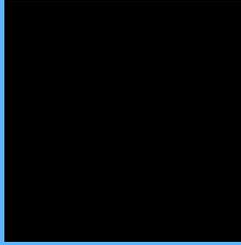
Any Text WCAG AA ✓ Pass

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 5FB4FF Background



This preview shows how black text looks on a background with the Hex color 5FB4FF.



This preview shows how white text looks on a background with the Hex color 5FB4FF.

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](#).

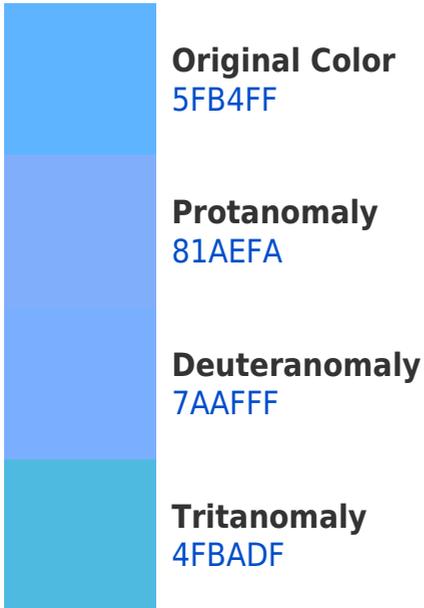
Dichromacy



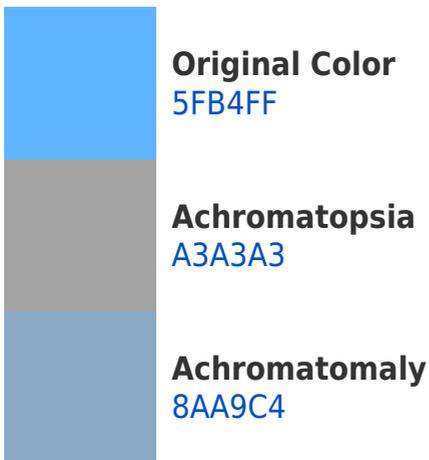


Tritanopia
46BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FB4FF 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 #5FB4FF looks like.

```
.text, #text, p{  
    color:#5FB4FF  
}
```

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 #5FB4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB4FF
}
```

Border

The CSS property to change the border of an element to Hex 5FB4FF 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
#5FB4FF }
```

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

```
.border{ border-color:#5FB4FF }
```

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

Here you see how a box with a 4 pixel #5FB4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB4FF; -webkit-box-shadow:4px 4px  
4px 4px #5FB4FF; box-shadow:4px 4px 4px  
4px #5FB4FF }
```

Background

The CSS property to change the background color of an element to Hex 5FB4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB4FF }
```

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

```
.background{ background-color:#5FB4FF }
```

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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