

# Converting Colors

Hex(5FB8FF)

Have a look what the booklet for  
Hex(5FB8FF) contains.

<b>Hex(5FB8FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(5FB8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FB8FF
RGB	95, 184, 255
RGB Percent	37%, 72%, 100%
CMY	0.6275, 0.2784, 0.0000
CMYK	0.63, 0.28, 0.00, 0.00
HSL	207°, 100%, 69%
HSV	207°, 63%, 100%
XYZ	39.9098, 43.9339, 100.9844
YIQ	165.4830, -75.8350, 3.2130

# Conversions

## Conversions Part 2

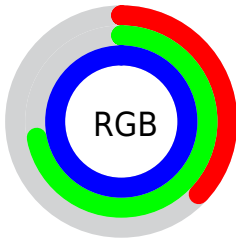
Format	Color
R <sub>YB</sub>	95, 152, 255
Decimal	6273279
CIE <sub>Lab</sub>	72.18, -5.69, -43.00
CIE <sub>LCh</sub>	72, 43.375, 262.459
Yxy	43.9339, 0.2159, 0.2377
Android (android.graphics.Color)	4284463359 (0xFF5FB8FF)
YUV	165.4830, 44.1319, -61.8136
Hunter-Lab	66.2826, -8.5170, -43.9329

# Details

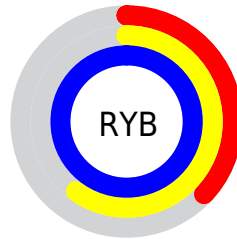
The Hex color **5FB8FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **FFA65F**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9EF0FF**, and **0083C6** is the 20% darker color. If you saturate the color by 10%, you get **45ADFF**, and if you desaturate by 10%, it is **79C3FF**.

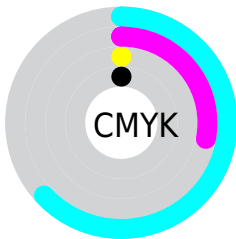
# Distribution



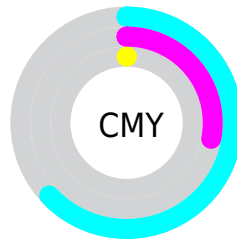
- Red (37%)
- Green (72%)
- Blue (100%)



- Red (37%)
- Yellow (60%)
- Blue (100%)



- Cyan (63%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (28%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FB8FF 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 5FB8FF by changing the saturation by 10% instead.



 5FB8FF

 5FB8FF

FFFFFF

 3B9DE2

 9EF0FF

 0083C6

 BCFFFF

 006AAA

 DBFFFF

 005290

 F9FFFF

 003C76

 00265D

 001245

 00032E

 000118

■ 5FB8FF

■ 5FB8FF

■ 45ADFF

■ 79C3FF

■ 2CA1FF

■ 92CFFF

■ 1296FF

■ ACDAFF

■ 008EFF

■ C5E5FF

■ DFF1FF

■ F8FCFF

FFFFFF

# Harmonies

## Analogous

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



00C1EF



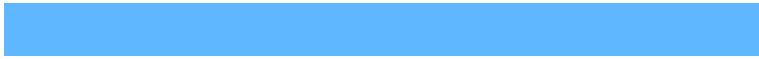
5FB8FF



A6AAFA

# Triad

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



5FB8FF



FD9395



7EC17F

# Complementary

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



5FB8FF



FFA65F

# 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.



ACB866



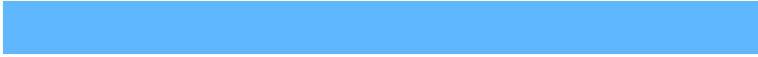
5FB8FF



F09D74

# Square

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



5FB8FF



F692BD



D3AB62



43C5A5

# Rectangle

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



5FB8FF



CAA0EC



D3AB62



8EBE75

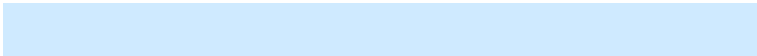


# Sweetspot

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



5FB8FF



CFEAFF



5FFFA4



627280



000000



808080



# Same Dimension

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



5FB8FF



40AAFF



5F6AFF



737A80



006ABF



002340



# Inverse Universe

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



FF5FB8



FF40AA



FFF45F



80737A



BF006A

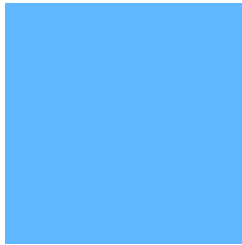


400023



# Previews

## White Background



This preview shows how the Hex color 5FB8FF looks on a white background.

## Color Contrast Check

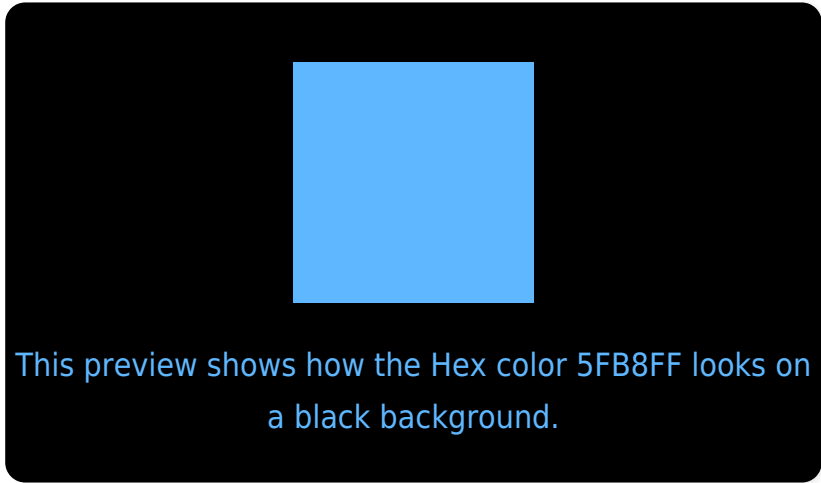
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

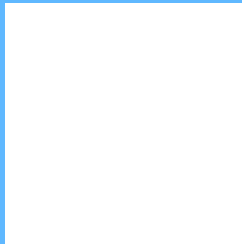
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5FB8FF Background



This preview shows how black text looks on a background with the Hex color 5FB8FF.

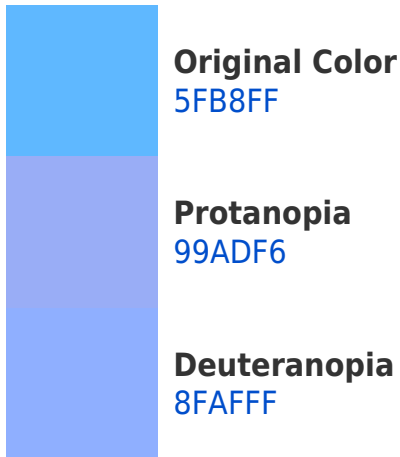


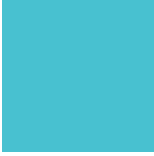
This preview shows how white text looks on a background with the Hex color 5FB8FF.

# 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](#).

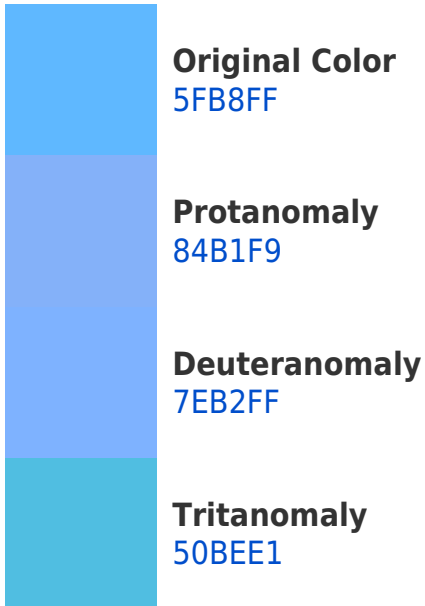
## Dichromacy



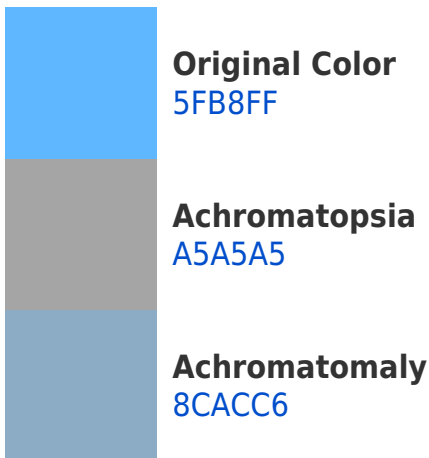


**Tritanopia**  
48C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FB8FF 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 #5FB8FF looks like.

```
.text, #text, p{  
    color:#5FB8FF  
}
```

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 #5FB8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB8FF
}
```

## Border

The CSS property to change the border of an element to Hex 5FB8FF 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
#5FB8FF }
```

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

```
.border{ border-color:#5FB8FF }
```

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

Here you see how a box with a 4 pixel #5FB8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB8FF; -webkit-box-shadow:4px 4px  
4px 4px #5FB8FF; box-shadow:4px 4px 4px  
4px #5FB8FF }
```

# Background

The CSS property to change the background color of an element to Hex 5FB8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB8FF }
```

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

```
.background{ background-color:#5FB8FF }
```

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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