

# Converting Colors

Hex(5EBFFD)

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

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# **Color**

**Hex(5EBFFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EBFFD
RGB	94, 191, 253
RGB Percent	37%, 75%, 99%
CMY	0.6314, 0.2510, 0.0078
CMYK	0.63, 0.25, 0.00, 0.01
HSL	203°, 98%, 68%
HSV	203°, 63%, 99%
XYZ	40.9765, 46.7331, 99.7892
YIQ	169.0650, -77.7140, -1.2820

# Conversions

## Conversions Part 2

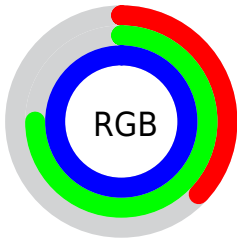
Format	Color
R <sub>Y</sub> B	94, 154, 253
Decimal	6209533
CIE Lab	74.02, -10.29, -39.06
CIE LCh	74, 40.398, 255.239
Yxy	46.7331, 0.2185, 0.2492
Android (android.graphics.Color)	4284399613 (0xFF5EBFFD)
YUV	169.0650, 41.3800, -65.8320
Hunter-Lab	68.3616, -12.6385, -38.6940

# Details

The Hex color **5EBFFD** 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 **FD9C5E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9DF7FF**, and **008AC4** is the 20% darker color. If you saturate the color by 10%, you get **45B5FD**, and if you desaturate by 10%, it is **77C9FD**.

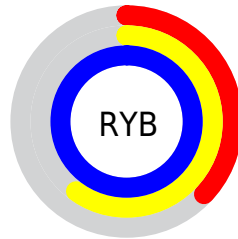
# Distribution



Red (37%)

Green (75%)

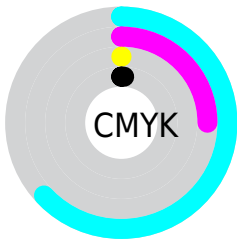
Blue (99%)



Red (37%)

Yellow (60%)

Blue (99%)

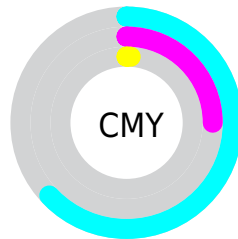


Cyan (63%)

Magenta (25%)

Yellow (0%)

Black (1%)



Cyan (63%)

Magenta (25%)

Yellow (1%)

# Brightness & Saturation Gradients

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



 5EBFFD

 5EBFFD

FFFFFF

 3AA4E0

 9DF7FF

 008AC4

 BBFFFF

 0070A9

 DAFFFF

 00588E

 F9FFFF

 004174

 002B5B

 001843

 00032D

 000117

■ 5EBFFD

■ 5EBFFD

■ 45B5FD

■ 77C9FD

■ 2BABFD

■ 91D3FD

■ 12A1FD

■ AADDFD

■ 009AFD

■ C3E6FD

■ DDF0FD

■ F6FAFD

FFFFFD

# Harmonies

## Analogous

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



10C7EA



5EBFFD



9FB3FD

# Triad

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



5EBFFD



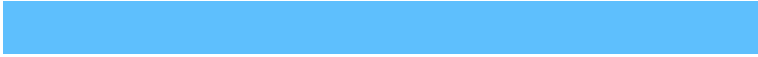
FE99A4



92C380

# Complementary

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



5EBFFD



FD9C5E

# 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.



BBBA6D



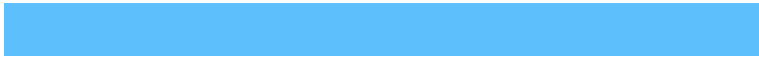
5EBFFD



F6A183

# Square

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



5EBFFD



F39BCA



DEAD6E



62C8A2

# Rectangle

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



5EBFFD



C3AAF3



DEAD6E

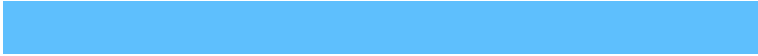


A0C078

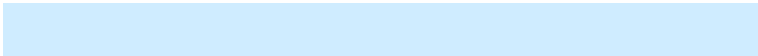


# Sweetspot

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



5EBFFD



CFECCF



5EFD9B



627480



000000



808080



# Same Dimension

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



5EBFFD



40B4FF



5E71FD



737B80



0075BF



002740



# Inverse Universe

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



FD5EBF



FF40B4



FDEA5E



80737B



BF0075

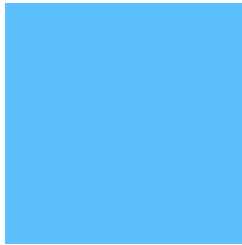


400027



# Previews

## White Background



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

## Color Contrast Check

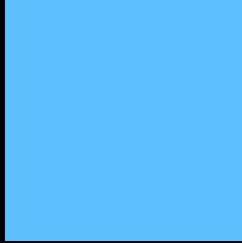
Large Text (above 18pt) WCAG AA × Fail

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 5EBFFD 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

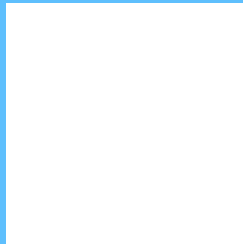
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EBFFD Background



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

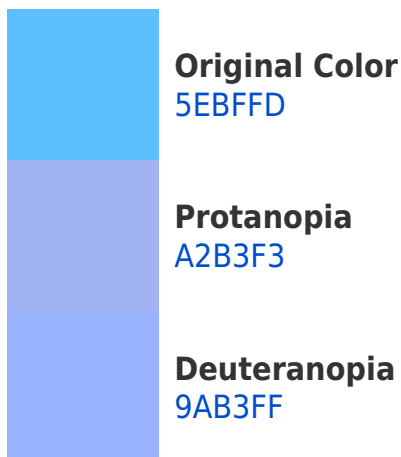


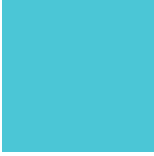
This preview shows how white text looks on a background with the Hex color 5EBFFD.

# 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](#).

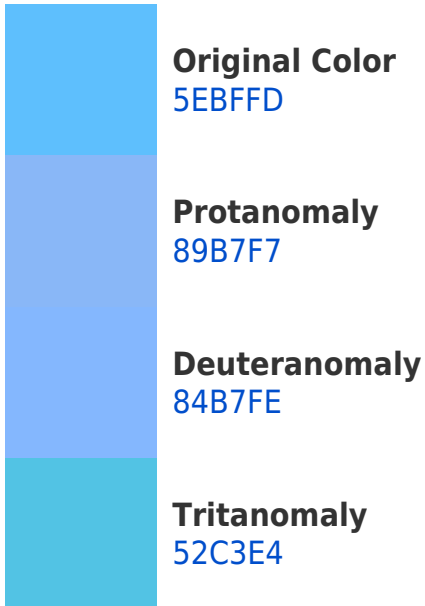
## Dichromacy



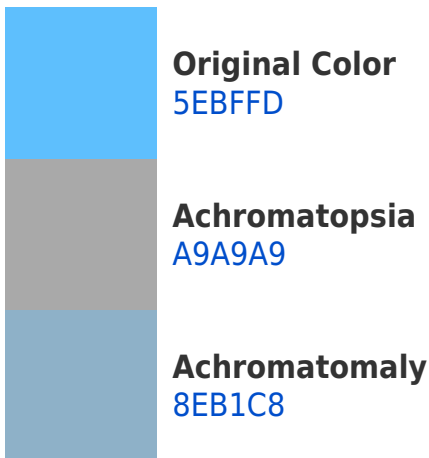


**Tritanopia**  
4BC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #5EBFFD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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