

Converting Colors

Hex(5EC4FF)

Have a look what the booklet for
Hex(5EC4FF) contains.

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Color

Hex(5EC4FF)

Conversions

Conversions Part 1

Format	Color
Hex	5EC4FF
RGB	94, 196, 255
RGB Percent	37%, 77%, 100%
CMY	0.6314, 0.2314, 0.0000
CMYK	0.63, 0.23, 0.00, 0.00
HSL	202°, 100%, 68%
HSV	202°, 63%, 100%
XYZ	42.4060, 49.0795, 101.8460
YIQ	172.2280, -79.7310, -3.2750

Conversions

Conversions Part 2

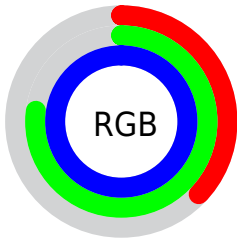
Format	Color
R _Y B	94, 156, 255
Decimal	6210815
CIE Lab	75.50, -12.34, -37.84
CIE LCh	76, 39.796, 251.938
Yxy	49.0795, 0.2193, 0.2539
Android (android.graphics.Color)	4284400895 (0xFF5EC4FF)
YUV	172.2280, 40.8066, -68.6060
Hunter-Lab	70.0568, -14.5517, -37.1539

Details

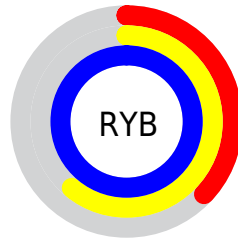
The Hex color **5EC4FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF995E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9DFDFF**, and **008EC6** is the 20% darker color. If you saturate the color by 10%, you get **45BBFF**, and if you desaturate by 10%, it is **78CDFF**.

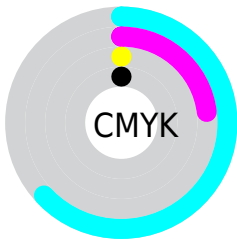
Distribution



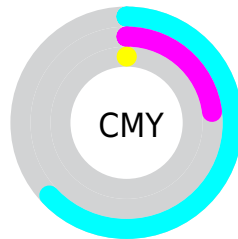
- Red (37%)
- Green (77%)
- Blue (100%)



- Red (37%)
- Yellow (61%)
- Blue (100%)



- Cyan (63%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EC4FF 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 5EC4FF by changing the saturation by 10% instead.

 5EC4FF

 5EC4FF

FFFFFF

 39A9E2

 9DFDFF

 008EC6

 BCFFFF

 0075AB

 DAFFFF

 005C90

 F9FFFF

 004576

 002F5D

 001B45

 00042E

 000119

■ 5EC4FF

■ 5EC4FF

■ 45BBFF

■ 78CDFF

■ 2BB1FF

■ 91D7FF

■ 12A8FF

■ ABE0FF

■ 00A2FF

■ C4E9FF

■ DEF3FF

■ F7FCFF

FFFFFF

Harmonies

Analogous

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



23CBEA



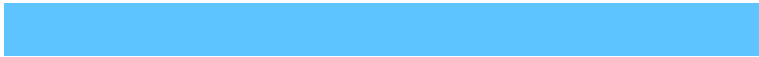
5EC4FF



9DB9FF

Triad

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



5EC4FF



FF9EAD



9BC682

Complementary

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



5EC4FF



FF995E

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.



C4BC71



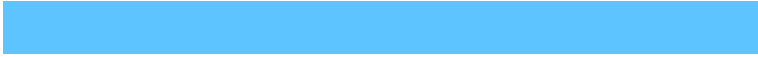
5EC4FF



FCA48B

Square

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



5EC4FF



F4A0D2



E5B075



6DCCA2

Rectangle

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



5EC4FF



C1B0F8



E5B075



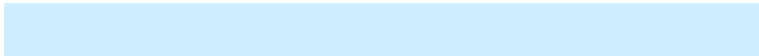
A9C37A

Sweetspot

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



5EC4FF



CFEDFF



5EFF96



627580



000000



808080

Same Dimension

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



5EC4FF



3DB8FF



5E76FF



737B80



0079BF



002840

Inverse Universe

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



FF5EC4



FF3DB8



FFE75E



80737B



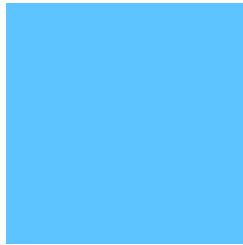
BF0079



400028

Previews

White Background



This preview shows how the Hex color 5EC4FF looks on a white background.

Color Contrast Check

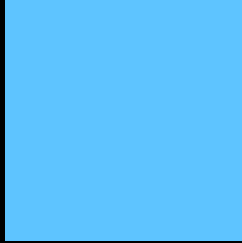
Large Text (above 18pt) WCAG AA × Fail

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 5EC4FF 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

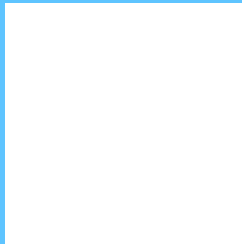
Any Text WCAG AAA ✓ Pass

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

Hex 5EC4FF Background



This preview shows how black text looks on a background with the Hex color 5EC4FF.

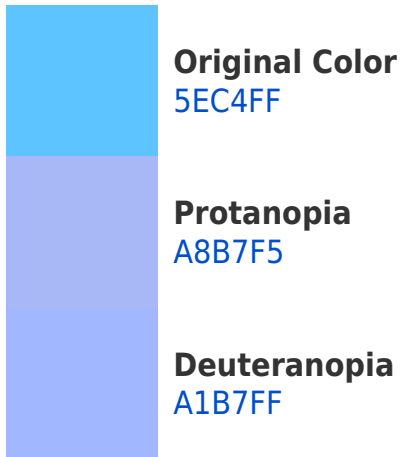


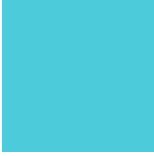
This preview shows how white text looks on a background with the Hex color 5EC4FF.

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](#).

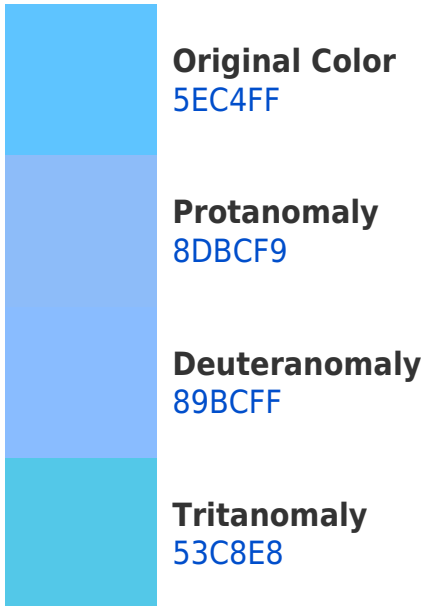
Dichromacy



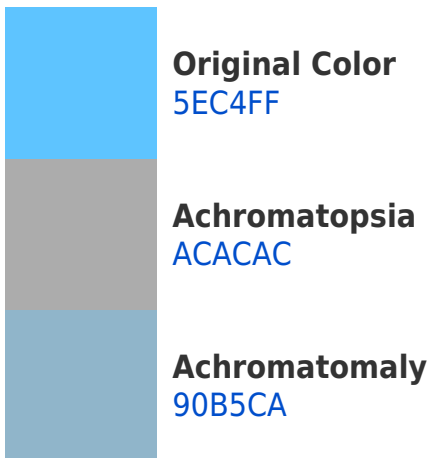


Tritanopia
4CCBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EC4FF 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 #5EC4FF looks like.

```
.text, #text, p{  
    color:#5EC4FF  
}
```

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 #5EC4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC4FF
}
```

Border

The CSS property to change the border of an element to Hex 5EC4FF 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
#5EC4FF }
```

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

```
.border{ border-color:#5EC4FF }
```

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

Here you see how a box with a 4 pixel #5EC4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC4FF; -webkit-box-shadow:4px 4px  
4px 4px #5EC4FF; box-shadow:4px 4px 4px  
4px #5EC4FF }
```

Background

The CSS property to change the background color of an element to Hex 5EC4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC4FF }
```

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

```
.background{ background-color:#5EC4FF }
```

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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