

Converting Colors

Hex(5EB9FF)

Have a look what the booklet for
Hex(5EB9FF) contains.

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Color

Hex(5EB9FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5EB9FF |
| RGB | 94, 185, 255 |
| RGB Percent | 37%, 73%, 100% |
| CMY | 0.6314, 0.2745, 0.0000 |
| CMYK | 0.63, 0.27, 0.00, 0.00 |
| HSL | 206°, 100%, 68% |
| HSV | 206°, 63%, 100% |
| XYZ | 40.0151, 44.2976, 101.0490 |
| YIQ | 165.7710, -76.7060, 2.4780 |

Conversions

Conversions Part 2

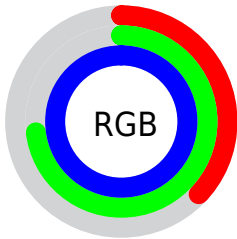
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 94, 152, 255 |
| Decimal | 6207999 |
| CIE Lab | 72.43, -6.41, -42.62 |
| CIE LCh | 72, 43.102, 261.448 |
| Yxy | 44.2976, 0.2159, 0.2390 |
| Android (android.graphics.Color) | 4284398079 (0xFF5EB9FF) |
| YUV | 165.7710, 43.9899, -62.9432 |
| Hunter-Lab | 66.5564, -9.1560, -43.4273 |

Details

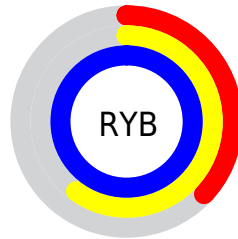
The Hex color **5EB9FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **FFA45E**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9DF1FF**, and **0084C6** is the 20% darker color. If you saturate the color by 10%, you get **45AEFF**, and if you desaturate by 10%, it is **78C4FF**.

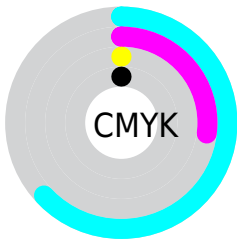
Distribution



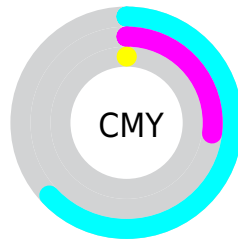
- Red (37%)
- Green (73%)
- Blue (100%)



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



- Cyan (63%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB9FF 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 5EB9FF by changing the saturation by 10% instead.

 5EB9FF

 5EB9FF

FFFFFF

 3A9EE2

 9DF1FF

 0084C6

 BBFFFF

 006BAA

 DAFFFF

 005390

 F9FFFF

 003C76

 00275D

 001345

 00032E

 000118

■ 5EB9FF

■ 5EB9FF

■ 45AEFF

■ 78C4FF

■ 2BA3FF

■ 91CFFF

■ 1298FF

■ ABDAFF

■ 0090FF

■ C4E5FF

■ DEF0FF

■ F7FCFF

FFFFFF

Harmonies

Analogous

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



00C2EE



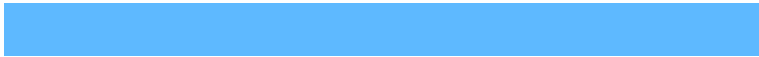
5EB9FF



A5ACFB

Triad

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



5EB9FF



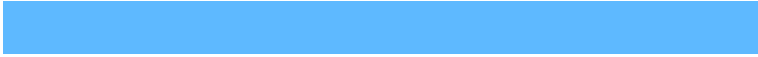
FE9497



81C17F

Complementary

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



5EB9FF



FFA45E

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.



AEB867



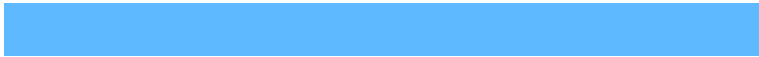
5EB9FF



F19E75

Square

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



5EB9FF



F693BF



D5AB63



47C6A5

Rectangle

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



5EB9FF



C9A2ED



D5AB63



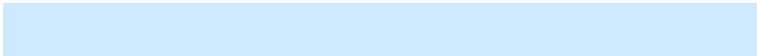
91BE75

Sweetspot

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



5EB9FF



CFEAFF



5EFFA4



627380



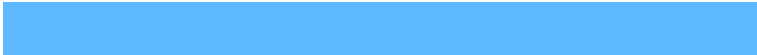
000000



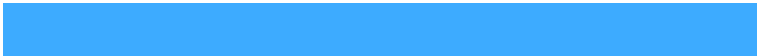
808080

Same Dimension

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



5EB9FF



3DABFF



5E69FF



737A80



006CBF



002440

Inverse Universe

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



FF5EB9



FF3DAB



FFF45E



80737A



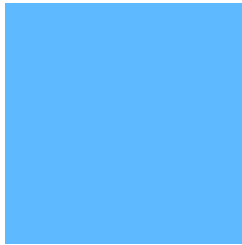
BF006C



400024

Previews

White Background



This preview shows how the Hex color 5EB9FF looks on a white background.

Color Contrast Check

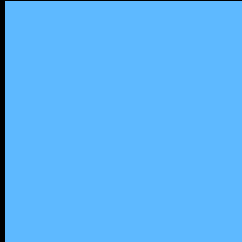
Large Text (above 18pt) WCAG AA × Fail

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 5EB9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

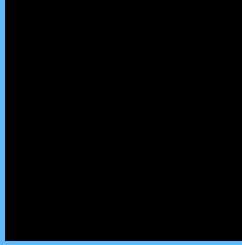
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

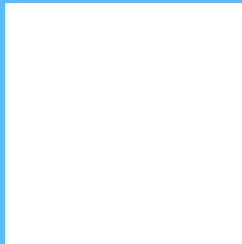
Any Text WCAG AAA ✓ Pass

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

Hex 5EB9FF Background



This preview shows how black text looks on a background with the Hex color 5EB9FF.

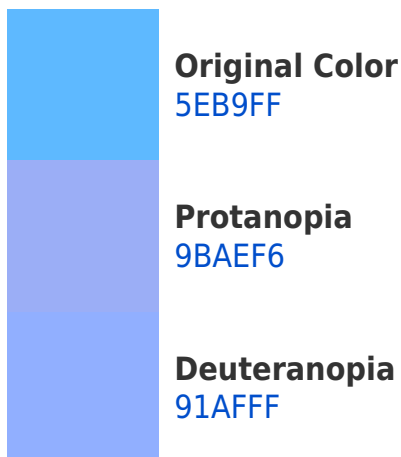


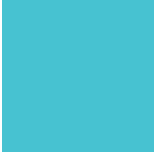
This preview shows how white text looks on a background with the Hex color 5EB9FF.

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](#).

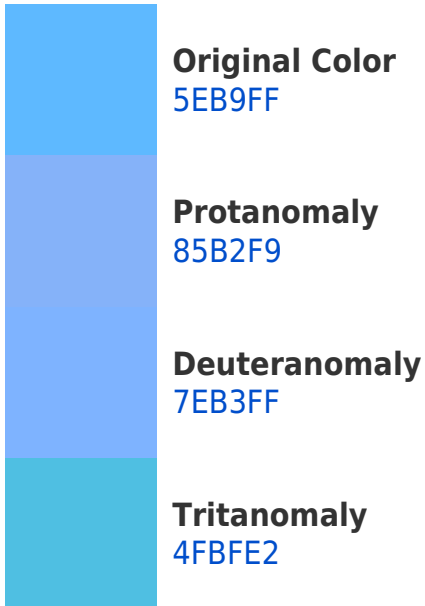
Dichromacy



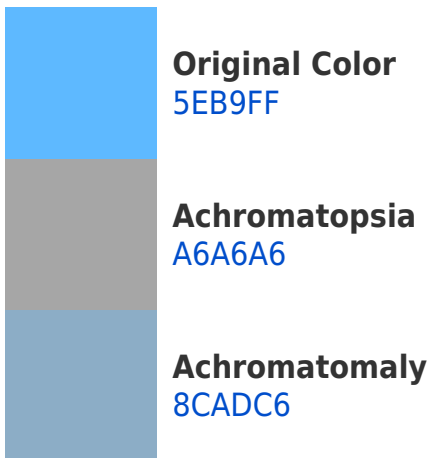


Tritanopia
47C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB9FF 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 #5EB9FF looks like.

```
.text, #text, p{  
    color:#5EB9FF  
}
```

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 #5EB9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB9FF
}
```

Border

The CSS property to change the border of an element to Hex 5EB9FF 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
#5EB9FF }
```

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

```
.border{ border-color:#5EB9FF }
```

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

Here you see how a box with a 4 pixel #5EB9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB9FF; -webkit-box-shadow:4px 4px  
4px 4px #5EB9FF; box-shadow:4px 4px 4px  
4px #5EB9FF }
```

Background

The CSS property to change the background color of an element to Hex 5EB9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB9FF }
```

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

```
.background{ background-color:#5EB9FF }
```

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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