

# Converting Colors

Hex(5EE3FE)

Have a look what the booklet for  
Hex(5EE3FE) contains.

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# **Color**

**Hex(5EE3FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EE3FE
RGB	94, 227, 254
RGB Percent	37%, 89%, 100%
CMY	0.6314, 0.1098, 0.0039
CMYK	0.63, 0.11, 0.00, 0.00
HSL	190°, 99%, 68%
HSV	190°, 63%, 100%
XYZ	49.9746, 64.4736, 103.5766
YIQ	190.3110, -87.9350, -19.7990

# Conversions

## Conversions Part 2

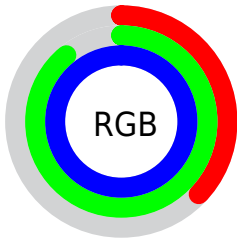
Format	Color
R <sub>Y</sub> B	94, 167, 254
Decimal	6218750
CIE Lab	84.21, -28.39, -23.92
CIE LCh	84, 37.121, 220.115
Yxy	64.4736, 0.2292, 0.2957
Android (android.graphics.Color)	4284408830 (0xFF5EE3FE)
YUV	190.3110, 31.3987, -84.4647
Hunter-Lab	80.2955, -29.4216, -20.2740

# Details

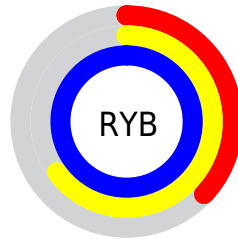
The Hex color **5EE3FE** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **FE795E**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **9FFFFFF**, and **00ABC5** is the 20% darker color. If you saturate the color by 10%, you get **45DFFE**, and if you desaturate by 10%, it is **77E7FE**.

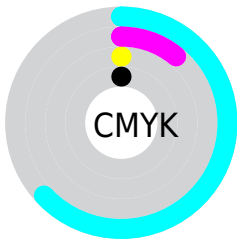
# Distribution



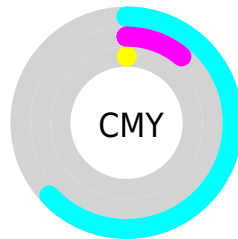
- Red (37%)
- Green (89%)
- Blue (100%)



- Red (37%)
- Yellow (65%)
- Blue (100%)



- Cyan (63%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EE3FE 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 5EE3FE by changing the saturation by 10% instead.



 5EE3FE

 5EE3FE

FFFFFF

 37C7E1

 9FFFFFF

 00ABC5

 BEFFFF

 0091AA

 DDFFFF

 00778F

 FCFFFF

 005E76

 00455D

 002E45

 00192F

 00011A

 5EE3FE

 5EE3FE

 45DFFE

 77E7FE

 2BDAFE

 91ECFE

 12D6FE

 AAF0FE

 00D3FE

 C4F4FE

 DDF8FE

 F6FD FE

FFFFFFE

# Harmonies

## Analogous

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



69E5DD



5EE3FE



81DCFF

# Triad

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



5EE3FE



FFBBEB



DFD48D

# Complementary

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



5EE3FE



FE795E

# 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.



FFC891



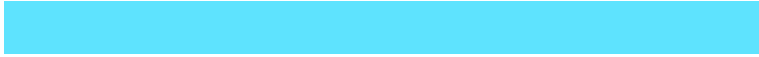
5EE3FE



FFB8C7

# Square

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



5EE3FE



E6C5FF



FFBDA7



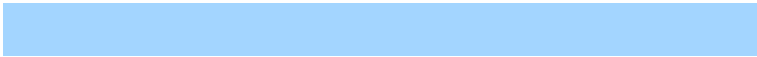
B8DD9C

# Rectangle

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



5EE3FE



A3D5FF



FFBDA7



EAD08C

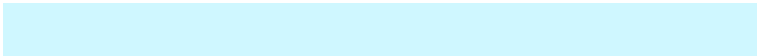


# Sweetspot

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



5EE3FE



CFF7FF



5EFE79



627B80



000000



808080

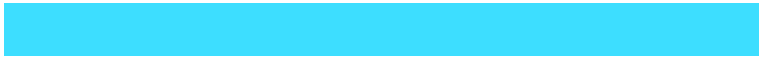


# Same Dimension

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



5EE3FE



3DDEFF



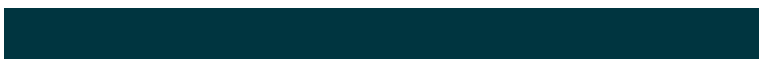
5E93FE



737D80



009FBF



003540



# Inverse Universe

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



FE5EE3



FF3DDE



FEC95E



80737D



BF009F

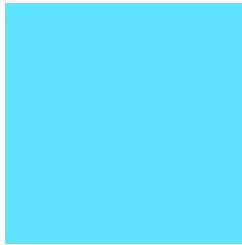


400035



# Previews

## White Background



This preview shows how the Hex color 5EE3FE looks on a white background.

## Color Contrast Check

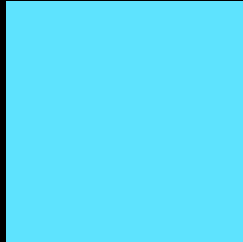
Large Text (above 18pt) WCAG AA × Fail

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 5EE3FE 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 5EE3FE Background



This preview shows how black text looks on a background with the Hex color 5EE3FE.

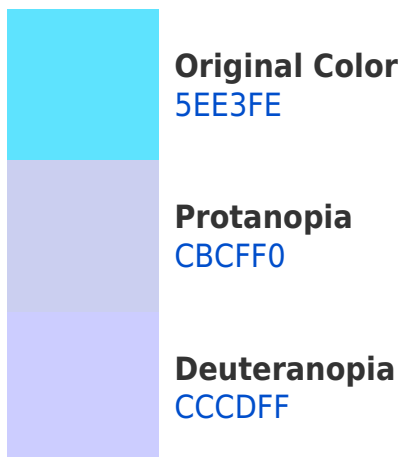


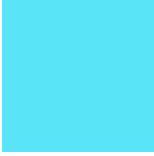
This preview shows how white text looks on a background with the Hex color 5EE3FE.

# 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**  
5AE4F7

# Trichromacy



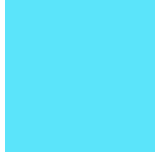
**Original Color**  
5EE3FE



**Protanomaly**  
A3D6F5



**Deuteranomaly**  
A4D5FF

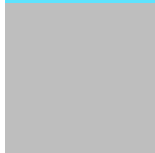


**Tritanomaly**  
5BE4FA

# Monochromacy



**Original Color**  
5EE3FE



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
9BCBD5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EE3FE 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 #5EE3FE looks like.

```
.text, #text, p{  
    color:#5EE3FE  
}
```

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 #5EE3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE3FE
}
```

## Border

The CSS property to change the border of an element to Hex 5EE3FE 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
#5EE3FE }
```

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

```
.border{ border-color:#5EE3FE }
```

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

Here you see how a box with a 4 pixel #5EE3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE3FE; -webkit-box-shadow:4px 4px  
4px 4px #5EE3FE; box-shadow:4px 4px 4px  
4px #5EE3FE }
```

# Background

The CSS property to change the background color of an element to Hex 5EE3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE3FE }
```

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

```
.background{ background-color:#5EE3FE }
```

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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