

Converting Colors

Hex(65E9FC)

Have a look what the booklet for
Hex(65E9FC) contains.

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Color

Hex(65E9FC)

Conversions

Conversions Part 1

Format	Color
Hex	65E9FC
RGB	101, 233, 252
RGB Percent	40%, 91%, 99%
CMY	0.6039, 0.0863, 0.0118
CMYK	0.60, 0.08, 0.00, 0.01
HSL	188°, 96%, 69%
HSV	188°, 60%, 99%
XYZ	52.0764, 68.0728, 102.4901
YIQ	195.6980, -84.7710, -22.0750

Conversions

Conversions Part 2

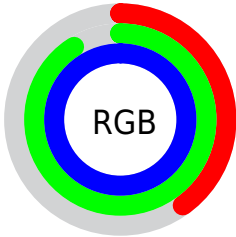
Format	Color
RYB	101, 171, 252
Decimal	6679036
CIELab	86.04, -30.70, -20.07
CIELCh	86, 36.679, 213.175
Yxy	68.0728, 0.2339, 0.3058
Android (android.graphics.Color)	4284869116 (0xFF65E9FC)
YUV	195.6980, 27.7569, -83.0501
Hunter-Lab	82.5062, -31.7200, -15.8963

Details

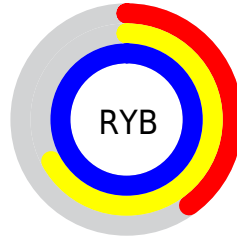
The Hex color **65E9FC** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FC7865**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A5FFFF**, and **00B1C3** is the 20% darker color. If you saturate the color by 10%, you get **4CE6FC**, and if you desaturate by 10%, it is **7EECFE**.

Distribution



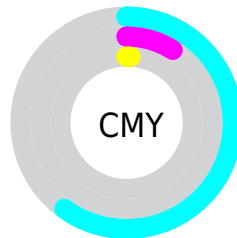
- Red (40%)
- Green (91%)
- Blue (99%)



- Red (40%)
- Yellow (67%)
- Blue (99%)



- Cyan (60%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (60%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65E9FC 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 65E9FC by changing the saturation by 10% instead.

 65E9FC

 65E9FC


FFFFFF

 41CDDF

 A5FFFF

 00B1C3

 C3FFFF

 0096A8

 E2FFFF

 007C8E

 006274

 004A5B

 003344

 001F2E

 000119

 65E9FC

 65E9FC

 4CE6FC

 7EECFE

 33E3FE

 97EFFE

 19DFFE

 B1F3FE

 00DCFE

 CAF6FE

 E3F9FE

 FCFCFE

 FFFFCE

Harmonies

Analogous

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



78EADA



65E9FC



7DE3FF

Triad

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



65E9FC



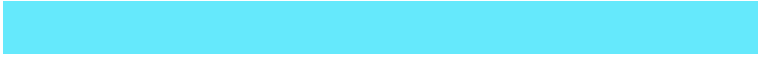
FFC2F7



ECD692

Complementary

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



65E9FC



FC7865

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.



FFCA9A



65E9FC



FFBDD5

Square

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



65E9FC



E1CDFE



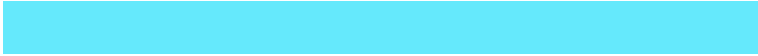
FFC1B3



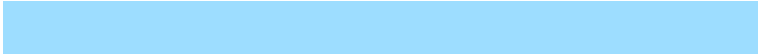
C7E19C

Rectangle

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



65E9FC



9DDDFE



FFC1B3



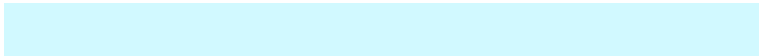
F7D292

Sweetspot

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



65E9FC



D1F9FF



65FC77



637C80



000000



808080

Same Dimension

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



65E9FC



47E8FF



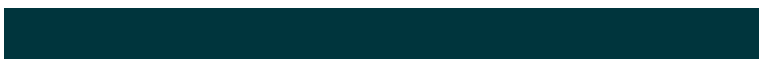
659FFC



707B7D



00A5BD



00353D

Inverse Universe

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



FC65E9



FF47E8



FCC265



7D707B



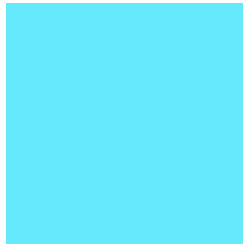
BD00A5



3D0035

Previews

White Background



This preview shows how the Hex color 65E9FC looks on a white background.

Color Contrast Check

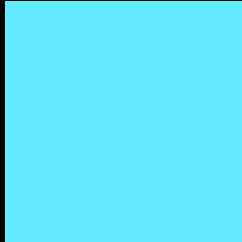
Large Text (above 18pt) WCAG AA × Fail

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 65E9FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

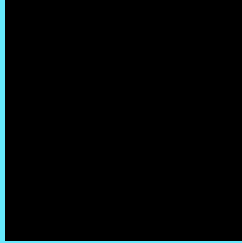
Any Text WCAG AA ✓ Pass

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 65E9FC Background



This preview shows how black text looks on a background with the Hex color 65E9FC.

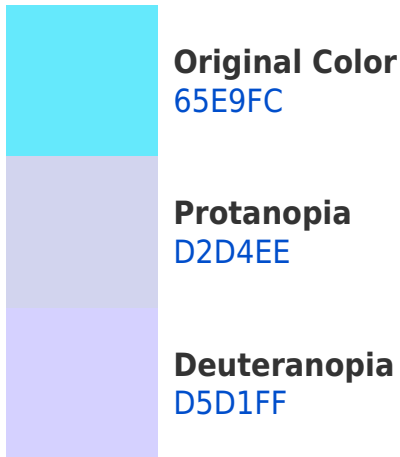


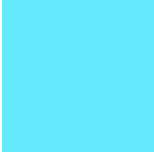
This preview shows how white text looks on a background with the Hex color 65E9FC.

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



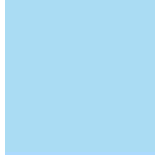


Tritanopia
65E9FC

Trichromacy



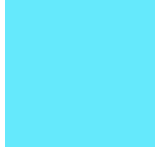
Original Color
65E9FC



Protanomaly
AADC F3



Deuteranomaly
ACDA FE

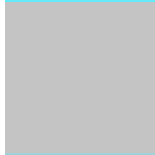


Tritanomaly
65E9FC

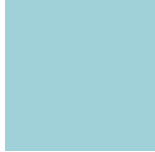
Monochromacy



Original Color
65E9FC



Achromatopsia
C4C4C4



Achromatomaly
A1D1D8

CSS Examples

Text

The CSS property to change the color of the text to Hex 65E9FC 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 #65E9FC looks like.

```
.text, #text, p{  
    color:#65E9FC  
}
```

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 #65E9FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65E9FC
}
```

Border

The CSS property to change the border of an element to Hex 65E9FC 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
#65E9FC }
```

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

```
.border{ border-color:#65E9FC }
```

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

Here you see how a box with a 4 pixel #65E9FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65E9FC; -webkit-box-shadow:4px 4px  
4px 4px #65E9FC; box-shadow:4px 4px 4px  
4px #65E9FC }
```

Background

The CSS property to change the background color of an element to Hex 65E9FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65E9FC }
```

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

```
.background{ background-color:#65E9FC }
```

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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