

Converting Colors

Hex(64E5FC)

Have a look what the booklet for
Hex(64E5FC) contains.

Hex(64E5FC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64E5FC)

Conversions

Conversions Part 1

Format	Color
Hex	64E5FC
RGB	100, 229, 252
RGB Percent	39%, 90%, 99%
CMY	0.6078, 0.1020, 0.0118
CMYK	0.60, 0.09, 0.00, 0.01
HSL	189°, 96%, 69%
HSV	189°, 60%, 99%
XYZ	50.8455, 65.7762, 102.1117
YIQ	193.0510, -84.2670, -20.1950

Conversions

Conversions Part 2

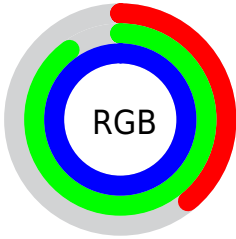
Format	Color
RYB	100, 170, 252
Decimal	6612476
CIELab	84.88, -28.95, -21.83
CIELCh	85, 36.256, 217.022
Yxy	65.7762, 0.2325, 0.3007
Android (android.graphics.Color)	4284802556 (0xFF64E5FC)
YUV	193.0510, 29.0619, -81.6057
Hunter-Lab	81.1025, -30.0226, -17.8770

Details

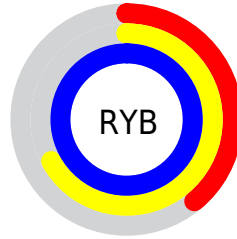
The Hex color **64E5FC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **FC7B64**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A3FFFF**, and **00ADC3** is the 20% darker color. If you saturate the color by 10%, you get **4BE1FC**, and if you desaturate by 10%, it is **7DE9FC**.

Distribution



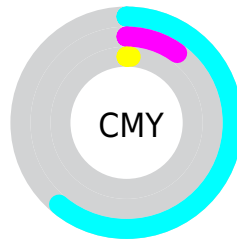
- Red (39%)
- Green (90%)
- Blue (99%)



- Red (39%)
- Yellow (67%)
- Blue (99%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (61%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64E5FC 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 64E5FC by changing the saturation by 10% instead.

 64E5FC

 64E5FC

FFFFFF

 40C9DF

 A3FFFF

 00ADC3

 C2FFFF

 0092A8

 E1FFFF

 00788E

 005F74

 00475B

 003044

 001B2D

 000119

 64E5FC

 64E5FC

 4BE1FC

 7DE9FC

 32DDFC

 96EDFC

 18DAFC

 B0F0FC

 00D6FC

 C9F4FC

 E2F8FC

 FBFCFC

 FFFFFC

Harmonies

Analogous

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



72E7DB



64E5FC



81DFFF

Triad

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



64E5FC



FFBEEF



E4D490

Complementary

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



64E5FC



FC7B64

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.



FFC996



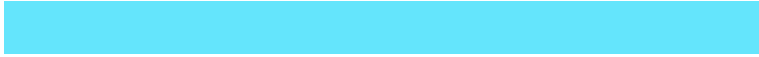
64E5FC



FFBACD

Square

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



64E5FC



E3C8FF



FFBFAC



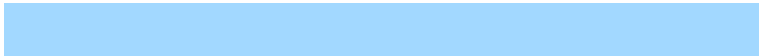
BFDE9C

Rectangle

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



64E5FC



A2D8FF



FFBFAC



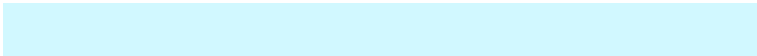
EFD190

Sweetspot

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



64E5FC



D1F8FF



64FC7B



637B80



000000



808080

Same Dimension

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



64E5FC



47E3FF



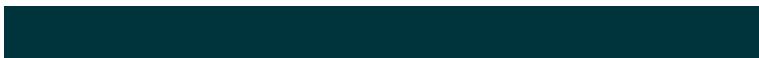
6499FC



707B7D



00A0BD



00343D

Inverse Universe

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



FC64E5



FF47E3



FCC764



7D707B



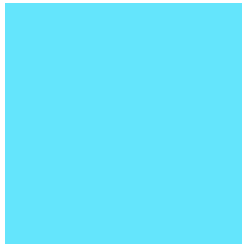
BD00A0



3D0034

Previews

White Background



This preview shows how the Hex color 64E5FC looks on a white background.

Color Contrast Check

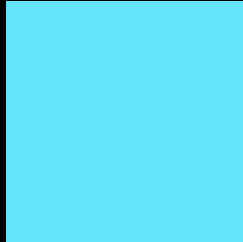
Large Text (above 18pt) WCAG AA × Fail

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 64E5FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

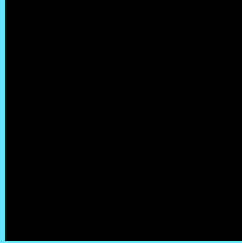
Any Text WCAG AA ✓ Pass

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 64E5FC Background



This preview shows how black text looks on a background with the Hex color 64E5FC.

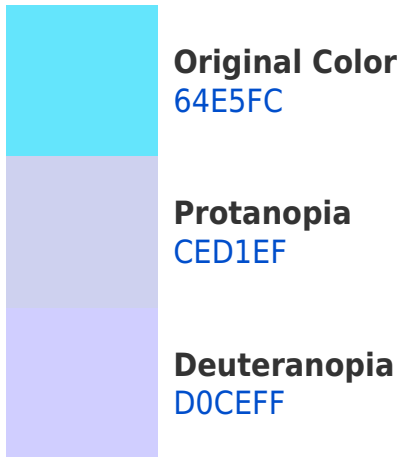


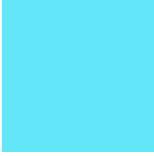
This preview shows how white text looks on a background with the Hex color 64E5FC.

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



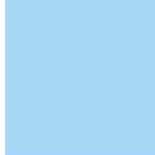


Tritanopia
62E6F8

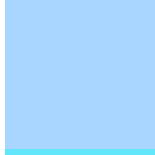
Trichromacy



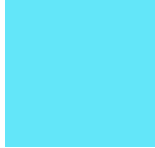
Original Color
64E5FC



Protanomaly
A7D8F4



Deuteranomaly
A9D6FE

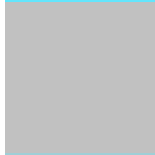


Tritanomaly
63E6F9

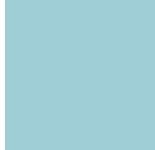
Monochromacy



Original Color
64E5FC



Achromatopsia
C1C1C1



Achromatomaly
9FCED6

CSS Examples

Text

The CSS property to change the color of the text to Hex 64E5FC 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 #64E5FC looks like.

```
.text, #text, p{  
    color:#64E5FC  
}
```

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 #64E5FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64E5FC
}
```

Border

The CSS property to change the border of an element to Hex 64E5FC 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
#64E5FC }
```

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

```
.border{ border-color:#64E5FC }
```

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

Here you see how a box with a 4 pixel #64E5FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64E5FC; -webkit-box-shadow:4px 4px  
4px 4px #64E5FC; box-shadow:4px 4px 4px  
4px #64E5FC }
```

Background

The CSS property to change the background color of an element to Hex 64E5FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64E5FC }
```

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

```
.background{ background-color:#64E5FC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor