

# Converting Colors

Hex(64E1FB)

Have a look what the booklet for  
Hex(64E1FB) contains.

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# **Color**

**Hex(64E1FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64E1FB
RGB	100, 225, 251
RGB Percent	39%, 88%, 98%
CMY	0.6078, 0.1176, 0.0157
CMYK	0.60, 0.10, 0.00, 0.02
HSL	190°, 95%, 69%
HSV	190°, 60%, 98%
XYZ	49.5933, 63.5248, 100.9145
YIQ	190.5890, -82.8460, -18.4140

# Conversions

## Conversions Part 2

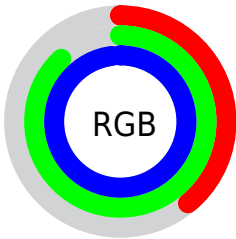
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 168, 251</a>
Decimal	<a href="#">6611451</a>
CIELab	<a href="#">83.72, -27.29, -23.07</a>
CIELCh	<a href="#">84, 35.733, 220.212</a>
Yxy	<a href="#">63.5248, 0.2317, 0.2968</a>
Android (android.graphics.Color)	<a href="#">4284801531 (0xFF64E1FB)</a>
YUV	<a href="#">190.5890, 29.7826, -79.4466</a>
Hunter-Lab	<a href="#">79.7024, -28.4110, -19.2777</a>

# Details

The Hex color **64E1FB** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FB7E64**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A3FFFF**, and **01A9C2** is the 20% darker color. If you saturate the color by 10%, you get **4BDDFB**, and if you desaturate by 10%, it is **7DE5FB**.

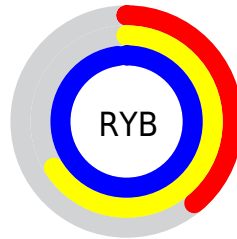
# Distribution



Red (39%)

Green (88%)

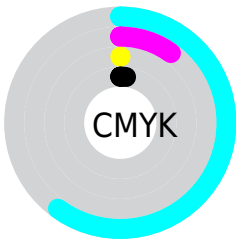
Blue (98%)



Red (39%)

Yellow (66%)

Blue (98%)

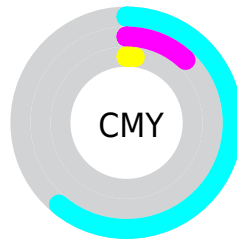


Cyan (60%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (12%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64E1FB 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 64E1FB by changing the saturation by 10% instead.



 64E1FB

FFFFFF

 A3FFFF

 C2FFFF

 E0FFFF

 64E1FB

 40C5DE

 01A9C2

 008FA7

 00758D

 005C73

 00445B

 002D43

 00172D

 000118

■ 64E1FB

■ 64E1FB

■ 4BDDFB

■ 7DE5FB

■ 32D8FB

■ 96EAFB

■ 19D4FB

■ AFEEFB

■ 00D0FB

■ C8F2FB

■ E2F7FB

■ FBFBBFB

■ FFFFFB

# Harmonies

## Analogous

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



6DE3DB



64E1FB



84DAFF

# Triad

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



64E1FB



FFBAE8



DDD28E

# Complementary

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



64E1FB



FB7E64

# 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.



FCC792



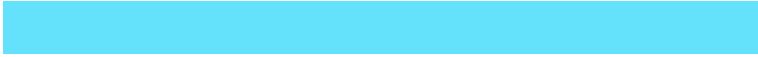
64E1FB



FFB8C6

# Square

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



64E1FB



E4C4FF



FFBDA7



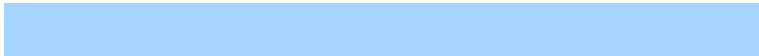
B7DC9C

# Rectangle

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



64E1FB



A5D4FF



FFBDA7



E8CF8D

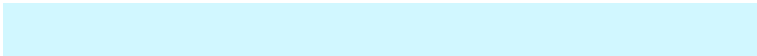


# Sweetspot

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



64E1FB



D1F7FF



64FB7D



637B80



000000



808080



# Same Dimension

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



64E1FB



47DFFF



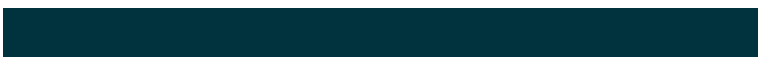
6496FB



707B7D



009CBD



00333D



# Inverse Universe

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



FB64E1



FF47DF



FBC964



7D707B



BD009C

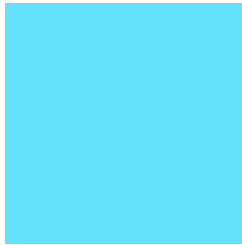


3D0033



# Previews

## White Background



This preview shows how the Hex color 64E1FB looks on a white background.

## Color Contrast Check

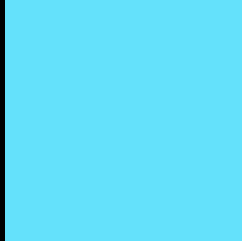
Large Text (above 18pt) WCAG AA × Fail

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 64E1FB 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 64E1FB Background



This preview shows how black text looks on a background with the Hex color 64E1FB.

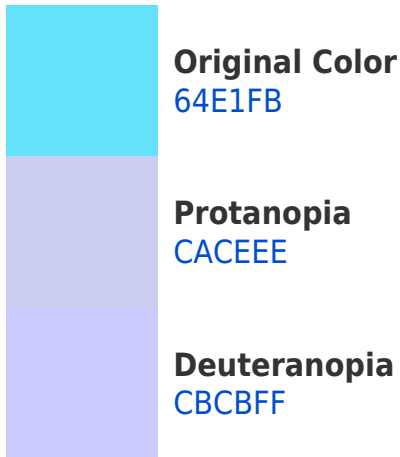


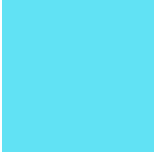
This preview shows how white text looks on a background with the Hex color 64E1FB.

# 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](#).

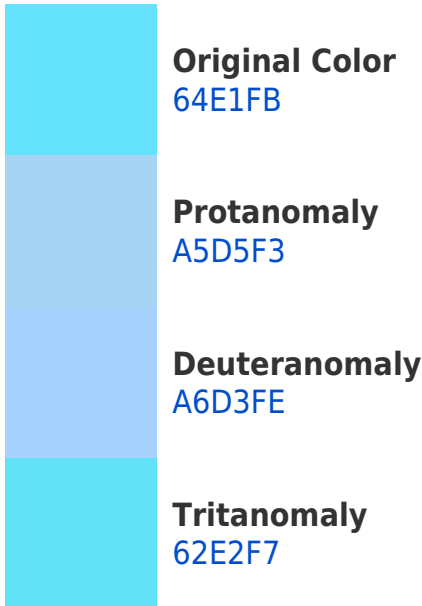
## Dichromacy



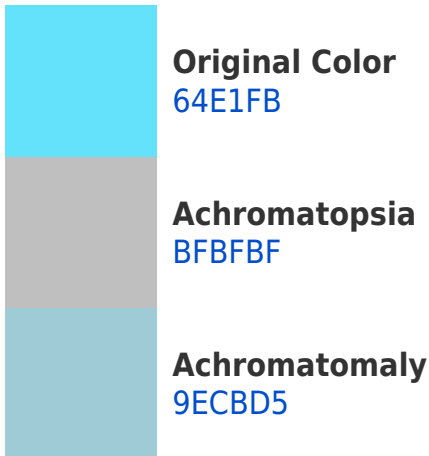


**Tritanopia**  
61E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64E1FB 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 #64E1FB looks like.

```
.text, #text, p{  
    color:#64E1FB  
}
```

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 #64E1FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64E1FB
}
```

## Border

The CSS property to change the border of an element to Hex 64E1FB 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
#64E1FB }
```

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

```
.border{ border-color:#64E1FB }
```

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

Here you see how a box with a 4 pixel #64E1FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64E1FB; -webkit-box-shadow:4px 4px  
4px 4px #64E1FB; box-shadow:4px 4px 4px  
4px #64E1FB }
```

# Background

The CSS property to change the background color of an element to Hex 64E1FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64E1FB }
```

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

```
.background{ background-color:#64E1FB }
```

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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