

# Converting Colors

Hex(1CE6FB)

Have a look what the booklet for  
Hex(1CE6FB) contains.

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# Color

**Hex(1CE6FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CE6FB
RGB	28, 230, 251
RGB Percent	11%, 90%, 98%
CMY	0.8902, 0.0980, 0.0157
CMYK	0.89, 0.08, 0.00, 0.02
HSL	186°, 97%, 55%
HSV	186°, 89%, 98%
XYZ	46.1883, 63.8055, 101.1481
YIQ	171.9960, -127.1330, -36.2930

# Conversions

## Conversions Part 2

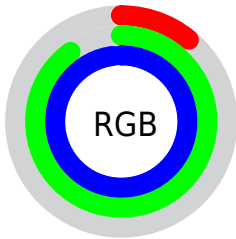
Format	Color
R <sub>Y</sub> B	28, 134, 251
Decimal	1894139
CIE Lab	83.86, -37.35, -22.97
CIE LCh	84, 43.848, 211.587
Yxy	63.8055, 0.2188, 0.3022
Android (android.graphics.Color)	4280084219 (0xFF1CE6FB)
YUV	171.9960, 38.9490, -126.2845
Hunter-Lab	79.8784, -36.5726, -19.1627

# Details

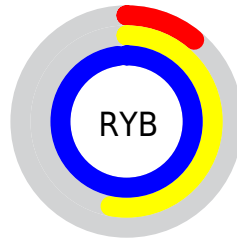
The Hex color **1CE6FB** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FB311C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **7AFFFF**, and **00AEC2** is the 20% darker color. If you saturate the color by 10%, you get **03E4FB**, and if you desaturate by 10%, it is **35E8FB**.

# Distribution



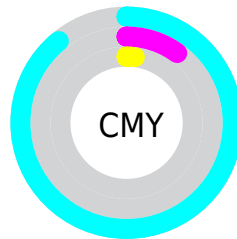
- Red (11%)
- Green (90%)
- Blue (98%)



- Red (11%)
- Yellow (53%)
- Blue (98%)



- Cyan (89%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (89%)
- Magenta (10%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CE6FB 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 1CE6FB by changing the saturation by 10% instead.



 1CE6FB

 1CE6FB


FFFFFF

 00CADE

 7AFFFF

 00AEC2

 9DFFFF

 0093A7

 BDFFFF

 00798D

 DEFFFF

 005F73

FEFFFF

 00475B

 003043

 00182D

 000118

 1CE6FB

 1CE6FB

 03E4FB

 35E8FB

 00E3FB

 4EEBFB

 67EDFB

 80EFFB

 99F2FB

 B3F4FB

 CCF7FB

 E5F9FB

 FEFBFB

# Harmonies

## Analogous

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



54E7D2



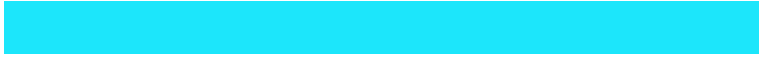
1CE6FB



4EE0FF

# Triad

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



1CE6FB



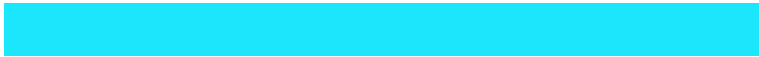
FFB8F9



EACF7E

# Complementary

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



1CE6FB



FB311C

# 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.



FFC189



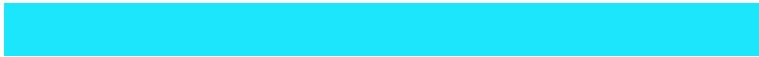
1CE6FB



FFB1D0

# Square

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



1CE6FB



D9C6FF



FFB5A8



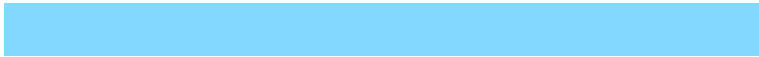
BFDC89

# Rectangle

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



1CE6FB



81D9FF



FFB5A8



F7CB7F



# Sweetspot

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



1CE6FB



BAF9FF



1CFB2F



577C80



000000



808080



# Same Dimension

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



1CE6FB



00E7FF



1C79FB



707C7D



00ABBD



00373D



# Inverse Universe

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



FB1CE6



FF00E7



FB9E1C



7D707C



BD00AB

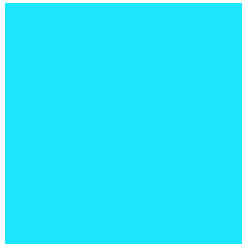


3D0037



# Previews

## White Background



This preview shows how the Hex color 1CE6FB looks on a white background.

## Color Contrast Check

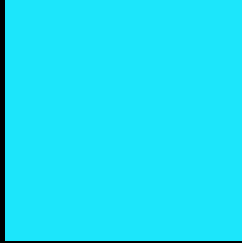
Large Text (above 18pt) WCAG AA × Fail

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 1CE6FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

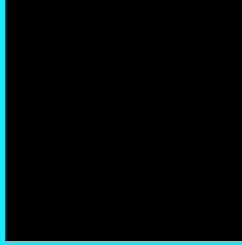
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1CE6FB Background



This preview shows how black text looks on a background with the Hex color 1CE6FB.

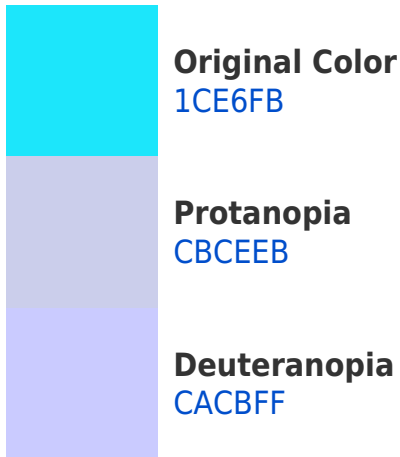


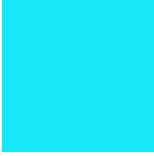
This preview shows how white text looks on a background with the Hex color 1CE6FB.

# 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



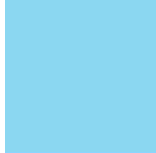


**Tritanopia**  
18E6F9

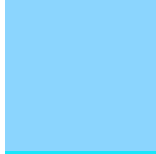
# Trichromacy



**Original Color**  
1CE6FB



**Protanomaly**  
8BD7F1

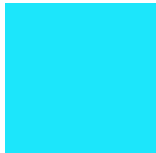


**Deuteranomaly**  
8BD5FE

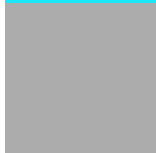


**Tritanomaly**  
19E6FA

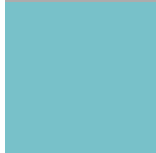
# Monochromacy



**Original Color**  
1CE6FB



**Achromatopsia**  
ACACAC



**Achromatomaly**  
78C1C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CE6FB 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 #1CE6FB looks like.

```
.text, #text, p{  
    color:#1CE6FB  
}
```

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 #1CE6FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CE6FB
}
```

## Border

The CSS property to change the border of an element to Hex 1CE6FB 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
#1CE6FB }
```

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

```
.border{ border-color:#1CE6FB }
```

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

Here you see how a box with a 4 pixel #1CE6FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CE6FB; -webkit-box-shadow:4px 4px  
4px 4px #1CE6FB; box-shadow:4px 4px 4px  
4px #1CE6FB }
```

# Background

The CSS property to change the background color of an element to Hex 1CE6FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CE6FB }
```

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

```
.background{ background-color:#1CE6FB }
```

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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