

Converting Colors

Hex(1CA0FB)

Have a look what the booklet for
Hex(1CA0FB) contains.

Hex(1CA0FB)	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(1CA0FB)

Conversions

Conversions Part 1

Format	Color
Hex	1CA0FB
RGB	28, 160, 251
RGB Percent	11%, 63%, 98%
CMY	0.8902, 0.3725, 0.0157
CMYK	0.89, 0.36, 0.00, 0.02
HSL	204°, 97%, 55%
HSV	204°, 89%, 98%
XYZ	30.4623, 32.3535, 95.9061
YIQ	130.9060, -107.8830, 0.3170

Conversions

Conversions Part 2

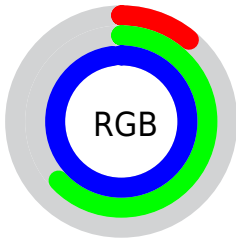
Format	Color
R _Y B	28, 111, 251
Decimal	1876219
CIE Lab	63.63, -1.08, -54.42
CIE LCh	64, 54.427, 268.865
Yxy	32.3535, 0.1919, 0.2038
Android (android.graphics.Color)	4280066299 (0xFF1CA0FB)
YUV	130.9060, 59.2063, -90.2486
Hunter-Lab	56.8802, -3.9442, -60.1533

Details

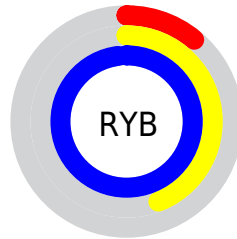
The Hex color **1CA0FB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **FB771C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **75D6FF**, and **006DC2** is the 20% darker color. If you saturate the color by 10%, you get **0396FB**, and if you desaturate by 10%, it is **35AAFB**.

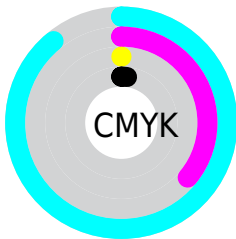
Distribution



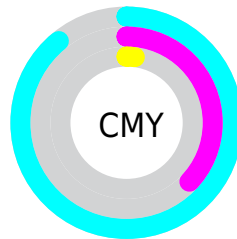
- Red (11%)
- Green (63%)
- Blue (98%)



- Red (11%)
- Yellow (44%)
- Blue (98%)



- Cyan (89%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)



- Cyan (89%)
- Magenta (37%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CA0FB 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 1CA0FB by changing the saturation by 10% instead.

 1CA0FB

 1CA0FB

FFFFFF

 0086DE

 75D6FF

 006DC2

 96F3FF

 0055A6

 B6FFFF

 003F8B


 D6FFFF

 002A71

 F5FFFF

 001658

 000740

 000329


 000113

 1CA0FB

 1CA0FB

 0396FB

 35AAFB

 0095FB

 4EB4FB

 67BFFB

 80C9FB

 99D3FB

 B3DDFB

 CCE8FB

 E5F2FB

 FEFCFB

Harmonies

Analogous

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



00ACEC



1CA0FB



998EEF

Triad

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



1CA0FB



F1746E



44AE66

Complementary

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



1CA0FB



FB771C

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.



86A540



1CA0FB



DC8547

Square

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



1CA0FB



F06F9E



B69733



00B297

Rectangle

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



1CA0FB



C381DA



B69733



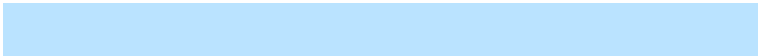
5EAB57

Sweetspot

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



1CA0FB



BAE3FF



1CFB75



576F80



000000



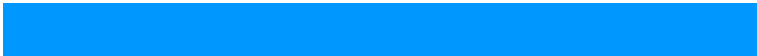
808080

Same Dimension

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



1CA0FB



0097FF



1C32FB



70787D



0070BD



00243D

Inverse Universe

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



FB1CA0



FF0097



FBE51C



7D7078



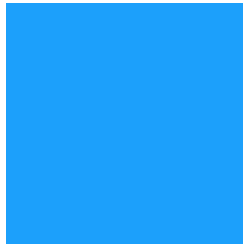
BD0070



3D0024

Previews

White Background



This preview shows how the Hex color 1CA0FB looks on a white background.

Color Contrast Check

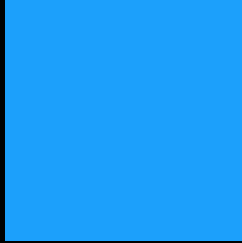
Large Text (above 18pt) WCAG AA × Fail

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 1CA0FB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

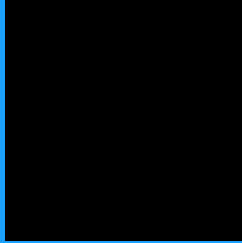
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

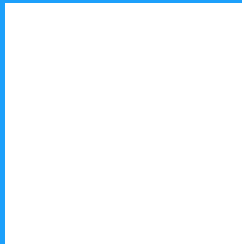
Any Text WCAG AAA ✓ Pass

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

Hex 1CA0FB Background



This preview shows how black text looks on a background with the Hex color 1CA0FB.



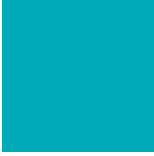
This preview shows how white text looks on a background with the Hex color 1CA0FB.

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](#).

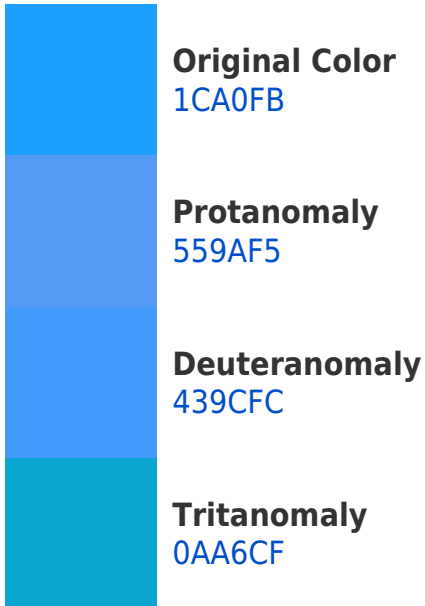
Dichromacy





Tritanopia
00AAB6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1CA0FB 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 #1CA0FB looks like.

```
.text, #text, p{  
    color:#1CA0FB  
}
```

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 #1CA0FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA0FB
}
```

Border

The CSS property to change the border of an element to Hex 1CA0FB 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
#1CA0FB }
```

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

```
.border{ border-color:#1CA0FB }
```

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

Here you see how a box with a 4 pixel #1CA0FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA0FB; -webkit-box-shadow:4px 4px  
4px 4px #1CA0FB; box-shadow:4px 4px 4px  
4px #1CA0FB }
```

Background

The CSS property to change the background color of an element to Hex 1CA0FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA0FB }
```

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

```
.background{ background-color:#1CA0FB }
```

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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