

Converting Colors

Hex(1BB6FE)

Have a look what the booklet for
Hex(1BB6FE) contains.

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Color

Hex(1BB6FE)

Conversions

Conversions Part 1

Format	Color
Hex	1BB6FE
RGB	27, 182, 254
RGB Percent	11%, 71%, 100%
CMY	0.8941, 0.2863, 0.0039
CMYK	0.89, 0.28, 0.00, 0.00
HSL	199°, 99%, 55%
HSV	199°, 89%, 100%
XYZ	35.0693, 40.8447, 99.8014
YIQ	143.8630, -115.4920, -10.4680

Conversions

Conversions Part 2

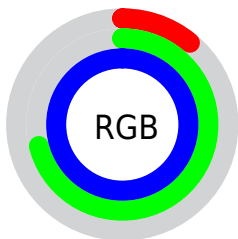
Format	Color
R _Y B	27, 119, 254
Decimal	1816318
CIE Lab	70.07, -12.36, -45.89
CIE LCh	70, 47.521, 254.925
Yxy	40.8447, 0.1996, 0.2324
Android (android.graphics.Color)	4280006398 (0xFF1BB6FE)
YUV	143.8630, 54.2975, -102.4889
Hunter-Lab	63.9098, -13.8936, -47.8502

Details

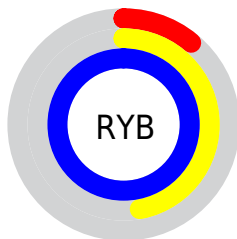
The Hex color **1BB6FE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FE631B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **76EEFF**, and **0081C5** is the 20% darker color. If you saturate the color by 10%, you get **02AEFE**, and if you desaturate by 10%, it is **34BEFE**.

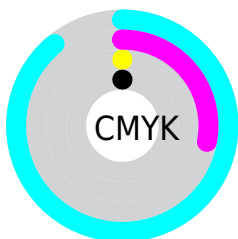
Distribution



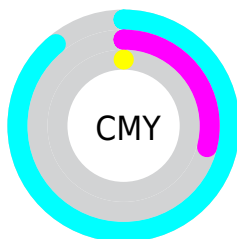
- Red (11%)
- Green (71%)
- Blue (100%)



- Red (11%)
- Yellow (47%)
- Blue (100%)



- Cyan (89%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BB6FE 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 1BB6FE by changing the saturation by 10% instead.

 1BB6FE

 1BB6FE

FFFFFF

 009BE1

 76EEFF

 0081C5

 98FFFF

 0068A9

 B8FFFF

 00508F

 D8FFFF

 003A75

 F8FFFF

 00255C

 000844

 00032D

 000117

■ 1BB6FE

■ 1BB6FE

■ 02AEFE

■ 34BEFE

■ 00ADFE

■ 4EC6FE

■ 67CEFE

■ 81D6FE

■ 9ADEFE

■ B3E6FE

■ CDEEFE

■ E6F6FE

FFFFFE

Harmonies

Analogous

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



00BEE7



1BB6FE



8CA8FF

Triad

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



1BB6FE



FD8897



80BA6C

Complementary

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



1BB6FE



FE631B

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.



B0B055



1BB6FE



F49270

Square

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



1BB6FE



F08AC3



D8A157



3EC093

Rectangle

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



1BB6FE



B89DF2



D8A157



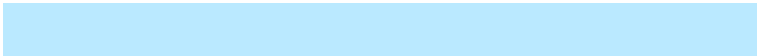
91B762

Sweetspot

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



1BB6FE



BAE9FF



1BFE63



577380



000000



808080

Same Dimension

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



1BB6FE



00AEFF



1B45FE



737B80



0083BF



002C40

Inverse Universe

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



FE1BB6



FF00AE



FED41B



80737B



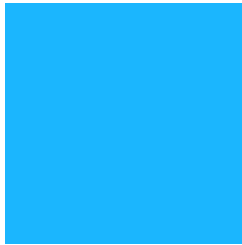
BF0083



40002C

Previews

White Background



This preview shows how the Hex color 1BB6FE looks on a white background.

Color Contrast Check

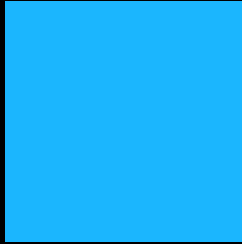
Large Text (above 18pt) WCAG AA × Fail

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 1BB6FE 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

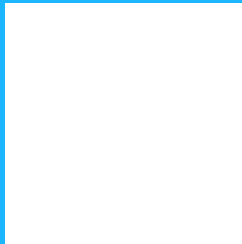
Any Text WCAG AAA ✓ Pass

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

Hex 1BB6FE Background



This preview shows how black text looks on a background with the Hex color 1BB6FE.

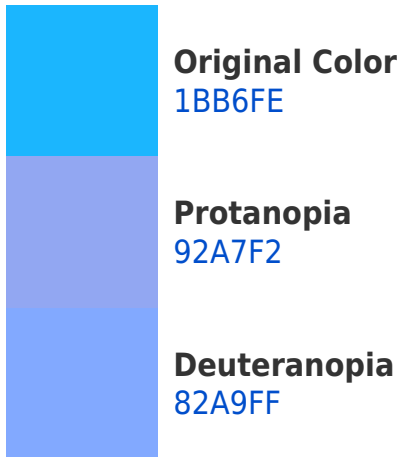


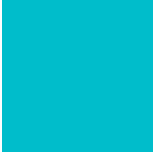
This preview shows how white text looks on a background with the Hex color 1BB6FE.

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](#).

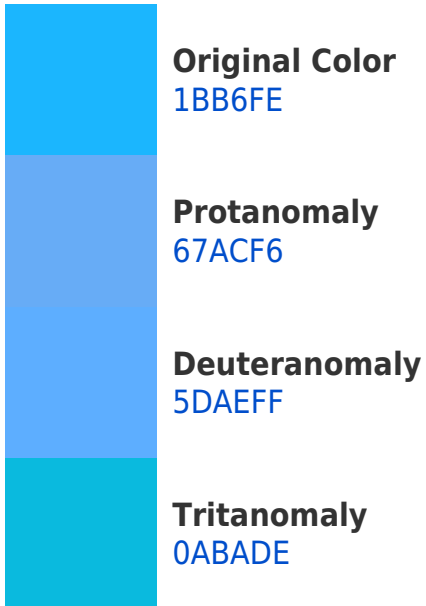
Dichromacy





Tritanopia
00BDCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BB6FE 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 #1BB6FE looks like.

```
.text, #text, p{  
    color:#1BB6FE  
}
```

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 #1BB6FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB6FE
}
```

Border

The CSS property to change the border of an element to Hex 1BB6FE 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
#1BB6FE }
```

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

```
.border{ border-color:#1BB6FE }
```

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

Here you see how a box with a 4 pixel #1BB6FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB6FE; -webkit-box-shadow:4px 4px  
4px 4px #1BB6FE; box-shadow:4px 4px 4px  
4px #1BB6FE }
```

Background

The CSS property to change the background color of an element to Hex 1BB6FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB6FE }
```

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

```
.background{ background-color:#1BB6FE }
```

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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