

Converting Colors

Hex(1BB8FC)

Have a look what the booklet for
Hex(1BB8FC) contains.

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Color

Hex(1BB8FC)

Conversions

Conversions Part 1

Format	Color
Hex	1BB8FC
RGB	27, 184, 252
RGB Percent	11%, 72%, 99%
CMY	0.8941, 0.2784, 0.0118
CMYK	0.89, 0.27, 0.00, 0.01
HSL	198°, 97%, 55%
HSV	198°, 89%, 99%
XYZ	35.1632, 41.5423, 98.2606
YIQ	144.8090, -115.4000, -12.1360

Conversions

Conversions Part 2

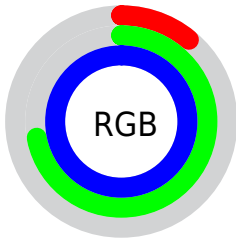
Format	Color
R _Y B	27, 119, 252
Decimal	1816828
CIE Lab	70.55, -14.14, -44.04
CIE LCh	71, 46.255, 252.200
Yxy	41.5423, 0.2010, 0.2374
Android (android.graphics.Color)	4280006908 (0xFF1BB8FC)
YUV	144.8090, 52.8452, -103.3185
Hunter-Lab	64.4533, -15.4107, -45.2718

Details

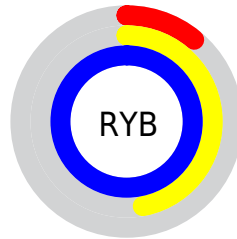
The Hex color **1BB8FC** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FC5F1B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **76F0FF**, and **0083C3** is the 20% darker color. If you saturate the color by 10%, you get **02B0FC**, and if you desaturate by 10%, it is **34C0FC**.

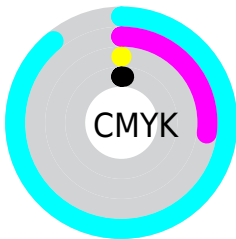
Distribution



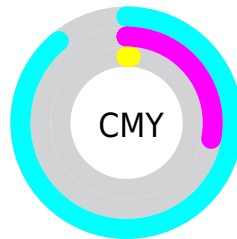
- Red (11%)
- Green (72%)
- Blue (99%)



- Red (11%)
- Yellow (47%)
- Blue (99%)



- Cyan (89%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)



- Cyan (89%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BB8FC 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 1BB8FC by changing the saturation by 10% instead.

 1BB8FC

 1BB8FC

FFFFFF

 009DDF

 76F0FF

 0083C3

 97FFFF

 006AA8

 B8FFFF

 00528D

 D7FFFF

 003B73

 F7FFFF

 00265A

 000B42

 00032B

 000116

 1BB8FC

 1BB8FC

 02B0FC

 34C0FC

 00B0FC

 4DC7FC

 67CFFC

 80D6FC

 99DEFC

 B2E6FC

 CBEDFC

 E5F5FC

 FEFDFC

Harmonies

Analogous

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



00C0E4



1BB8FC



88ABFF

Triad

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



1BB8FC



FD8A9D



87BA6C

Complementary

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



1BB8FC



FC5F1B

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.



B6B058



1BB8FC



F59376

Square

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



1BB8FC



EE8EC7



DCA15C



4CC191

Rectangle

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



1BB8FC



B4A0F4



DCA15C



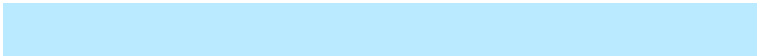
98B763

Sweetspot

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



1BB8FC



BAEAFF



1BFC5F



577380



000000



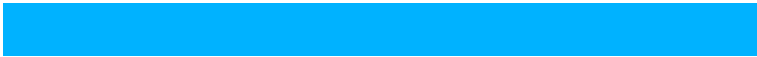
808080

Same Dimension

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



1BB8FC



00B2FF



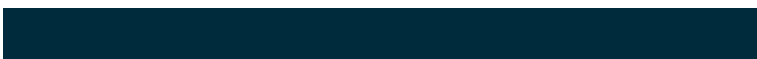
1B48FC



70797D



0084BD



002B3D

Inverse Universe

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



FC1BB8



FF00B2



FCCF1B



7D7079



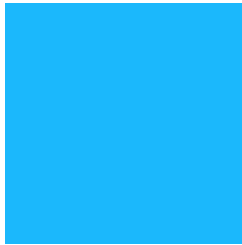
BD0084



3D002B

Previews

White Background



This preview shows how the Hex color 1BB8FC looks on a white background.

Color Contrast Check

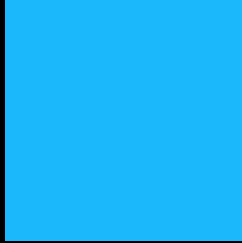
Large Text (above 18pt) WCAG AA × Fail

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 1BB8FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

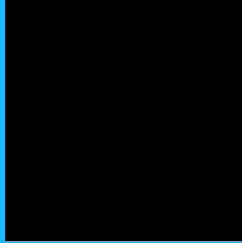
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

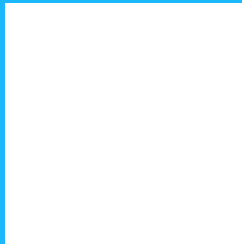
Any Text WCAG AAA ✓ Pass

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

Hex 1BB8FC Background



This preview shows how black text looks on a background with the Hex color 1BB8FC.



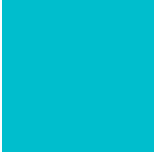
This preview shows how white text looks on a background with the Hex color 1BB8FC.

Color Blindness Simulation

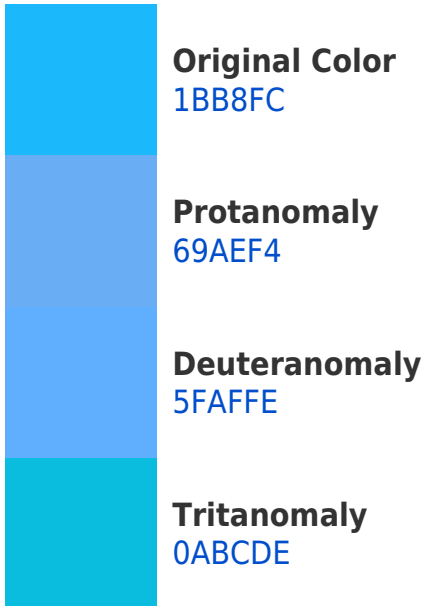
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BB8FC 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 #1BB8FC looks like.

```
.text, #text, p{  
    color:#1BB8FC  
}
```

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 #1BB8FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB8FC
}
```

Border

The CSS property to change the border of an element to Hex 1BB8FC 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
#1BB8FC }
```

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

```
.border{ border-color:#1BB8FC }
```

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

Here you see how a box with a 4 pixel #1BB8FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB8FC; -webkit-box-shadow:4px 4px  
4px 4px #1BB8FC; box-shadow:4px 4px 4px  
4px #1BB8FC }
```

Background

The CSS property to change the background color of an element to Hex 1BB8FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB8FC }
```

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

```
.background{ background-color:#1BB8FC }
```

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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