

# Converting Colors

Hex(1FB9FF)

Have a look what the booklet for  
Hex(1FB9FF) contains.

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# **Color**

**Hex(1FB9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FB9FF
RGB	31, 185, 255
RGB Percent	12%, 73%, 100%
CMY	0.8784, 0.2745, 0.0000
CMYK	0.88, 0.27, 0.00, 0.00
HSL	199°, 100%, 56%
HSV	199°, 88%, 100%
XYZ	35.9640, 42.2092, 100.8594
YIQ	146.9340, -114.2540, -10.8780

# Conversions

## Conversions Part 2

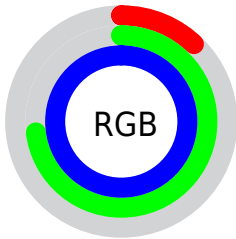
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	31, 122, 255
Decimal	2079231
CIE Lab	71.01, -13.42, -44.94
CIE LCh	71, 46.897, 253.370
Yxy	42.2092, 0.2009, 0.2358
Android (android.graphics.Color)	4280269311 (0xFF1FB9FF)
YUV	146.9340, 53.2765, -101.6741
Hunter-Lab	64.9686, -14.8846, -46.5657

# Details

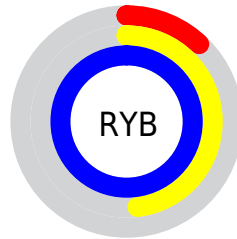
The Hex color **1FB9FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF651F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **78F1FF**, and **0084C6** is the 20% darker color. If you saturate the color by 10%, you get **06B1FF**, and if you desaturate by 10%, it is **39C1FF**.

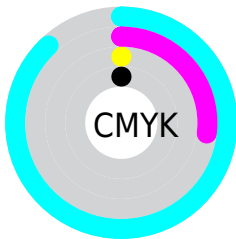
# Distribution



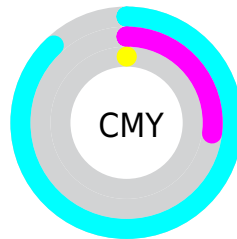
- Red (12%)
- Green (73%)
- Blue (100%)



- Red (12%)
- Yellow (48%)
- Blue (100%)



- Cyan (88%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (27%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FB9FF 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 1FB9FF by changing the saturation by 10% instead.



 1FB9FF

 1FB9FF

FFFFFF

 009EE2

 78F1FF

 0084C6

 99FFFF

 006BAA

 B9FFFF

 005390

 D9FFFF

 003C76

 F9FFFF

 00275C

 000E45

 00032D

 000118

 1FB9FF

 1FB9FF

 06B1FF

 39C1FF

 00AFFF

 52C9FF

 6BD1FF

 85D9FF

 9FE1FF

 B8E9FF

 D2F1FF

 EBF9FF

FFFFFF

# Harmonies

## Analogous

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



00C1E7



1FB9FF



8BACFF

# Triad

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



1FB9FF



FF8B9C



86BC6E

# Complementary

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



1FB9FF



FF651F

# 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.



B5B158



1FB9FF



F79475

# Square

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



1FB9FF



F18EC7



DCA35B



48C294

# Rectangle

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



1FB9FF



B8A1F5



DCA35B



97B964

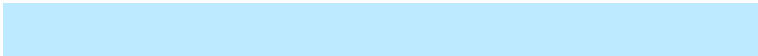


# Sweetspot

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



1FB9FF



BDEAFF



1FFF62



587380



000000



808080

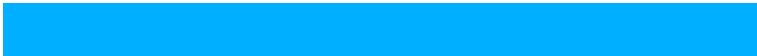


# Same Dimension

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



1FB9FF



00AFFF



1F4CFF



737C80



0083BF



002C40



# Inverse Universe

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



FF1FB9



FF00AF



FFD21F



80737C



BF0083

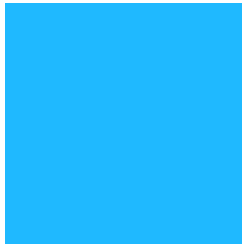


40002C



# Previews

## White Background



This preview shows how the Hex color 1FB9FF looks on a white background.

## Color Contrast Check

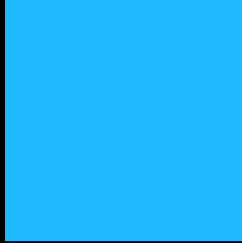
Large Text (above 18pt) WCAG AA × Fail

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 1FB9FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

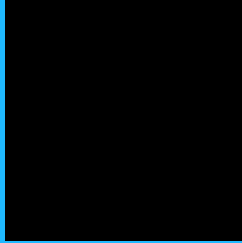
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

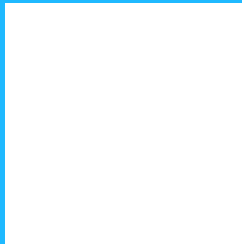
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1FB9FF Background



This preview shows how black text looks on a background with the Hex color 1FB9FF.

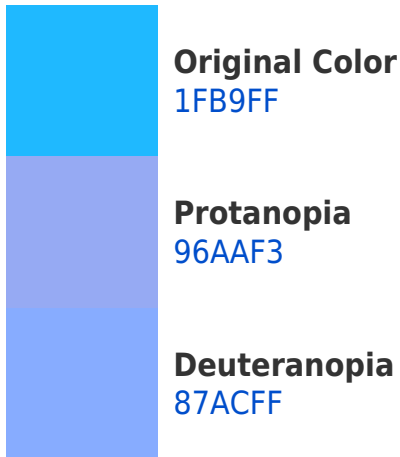


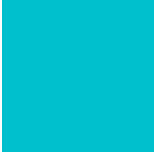
This preview shows how white text looks on a background with the Hex color 1FB9FF.

# Color Blindness Simulation

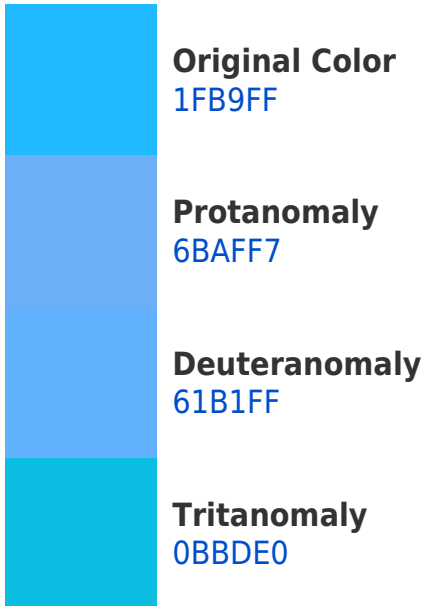
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FB9FF 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 #1FB9FF looks like.

```
.text, #text, p{  
    color:#1FB9FF  
}
```

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 #1FB9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FB9FF
}
```

## Border

The CSS property to change the border of an element to Hex 1FB9FF 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
#1FB9FF }
```

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

```
.border{ border-color:#1FB9FF }
```

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

Here you see how a box with a 4 pixel #1FB9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FB9FF; -webkit-box-shadow:4px 4px  
4px 4px #1FB9FF; box-shadow:4px 4px 4px  
4px #1FB9FF }
```

# Background

The CSS property to change the background color of an element to Hex 1FB9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FB9FF }
```

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

```
.background{ background-color:#1FB9FF }
```

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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