

# Converting Colors

Hex(1FB6FF)

Have a look what the booklet for  
Hex(1FB6FF) contains.

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# Color

Hex(1FB6FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	1FB6FF
RGB	31, 182, 255
RGB Percent	12%, 71%, 100%
CMY	0.8784, 0.2863, 0.0000
CMYK	0.88, 0.29, 0.00, 0.00
HSL	200°, 100%, 56%
HSV	200°, 88%, 100%
XYZ	35.3430, 40.9672, 100.6524
YIQ	145.1730, -113.4290, -9.3090

# Conversions

## Conversions Part 2

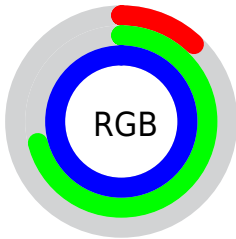
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	31, 121, 255
Decimal	2078463
CIE Lab	70.15, -11.80, -46.29
CIE LCh	70, 47.769, 255.699
Yxy	40.9672, 0.1997, 0.2315
Android (android.graphics.Color)	4280268543 (0xFF1FB6FF)
YUV	145.1730, 54.1447, -100.1297
Hunter-Lab	64.0056, -13.4446, -48.4329

# Details

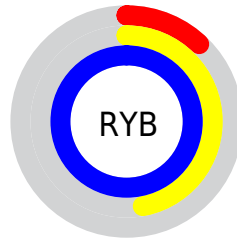
The Hex color **1FB6FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF681F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **78EEFF**, and **0081C6** is the 20% darker color. If you saturate the color by 10%, you get **06AEFF**, and if you desaturate by 10%, it is **39BEFF**.

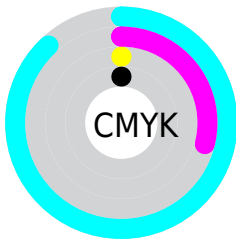
# Distribution



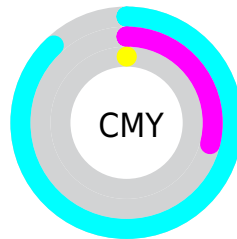
- Red (12%)
- Green (71%)
- Blue (100%)



- Red (12%)
- Yellow (47%)
- Blue (100%)



- Cyan (88%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FB6FF 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 1FB6FF by changing the saturation by 10% instead.



 1FB6FF

 1FB6FF

FFFFFF

 009BE2

 78EEFF

 0081C6

 99FFFF

 0068AA

 B9FFFF

 00508F

 D9FFFF

 003A75

 F9FFFF

 00255C

 000944

 00032D

 000118

 1FB6FF

 1FB6FF

 06AEFF

 39BEFF

 00ACFF

 52C7FF

 6BCFFF

 85D7FF

 9FE0FF

 B8E8FF

 D2F0FF

 EBF8FF

FFFFFF

# Harmonies

## Analogous

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



00BFE8



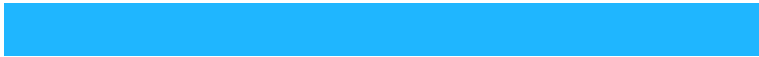
1FB6FF



8EA8FF

# Triad

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



1FB6FF



FE8896



7FBB6D

# Complementary

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



1FB6FF



FF681F

# 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



1FB6FF



F4926F

# Square

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



1FB6FF



F28AC2



D8A256



3BC095

# Rectangle

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



1FB6FF



BA9DF2



D8A256



90B863

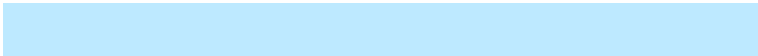


# Sweetspot

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



1FB6FF



BDE9FF



1FFF66



587380



000000



808080

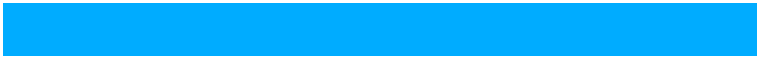


# Same Dimension

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



1FB6FF



00ACFF



1F48FF



737B80



0081BF



002B40



# Inverse Universe

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



FF1FB6



FF00AC



FFD61F



80737B



BF0081

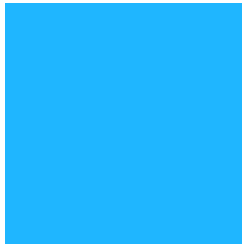


40002B



# Previews

## White Background



This preview shows how the Hex color 1FB6FF looks on a white background.

## Color Contrast Check

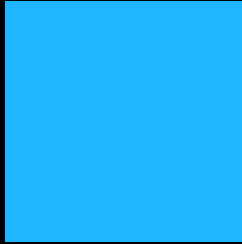
Large Text (above 18pt) WCAG AA × Fail

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 1FB6FF 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

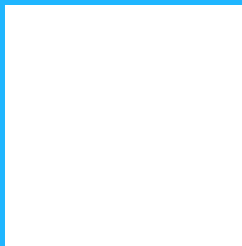
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1FB6FF Background



This preview shows how black text looks on a background with the Hex color 1FB6FF.

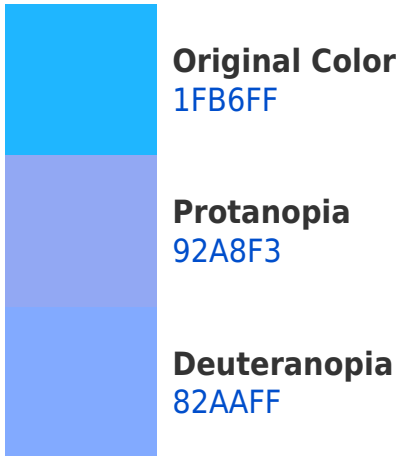


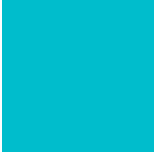
This preview shows how white text looks on a background with the Hex color 1FB6FF.

# Color Blindness Simulation

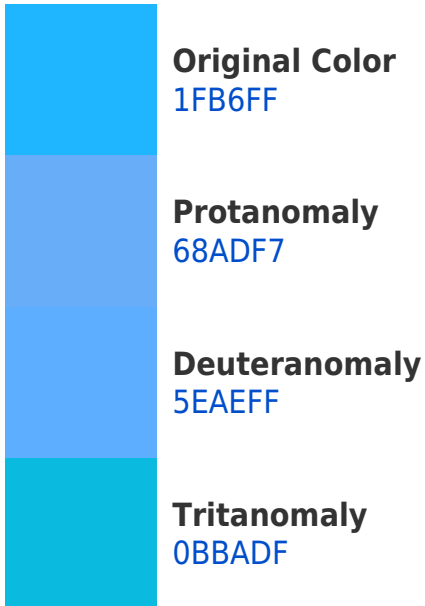
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FB6FF 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 #1FB6FF looks like.

```
.text, #text, p{  
    color:#1FB6FF  
}
```

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 #1FB6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FB6FF
}
```

## Border

The CSS property to change the border of an element to Hex 1FB6FF 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
#1FB6FF }
```

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

```
.border{ border-color:#1FB6FF }
```

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

Here you see how a box with a 4 pixel #1FB6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FB6FF; -webkit-box-shadow:4px 4px  
4px 4px #1FB6FF; box-shadow:4px 4px 4px  
4px #1FB6FF }
```

# Background

The CSS property to change the background color of an element to Hex 1FB6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FB6FF }
```

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

```
.background{ background-color:#1FB6FF }
```

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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