

# Converting Colors

Hex(19B1FB)

Have a look what the booklet for  
Hex(19B1FB) contains.

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**Color**

**Hex(19B1FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19B1FB
RGB	25, 177, 251
RGB Percent	10%, 69%, 98%
CMY	0.9020, 0.3059, 0.0157
CMYK	0.90, 0.29, 0.00, 0.02
HSL	200°, 97%, 54%
HSV	200°, 90%, 98%
XYZ	33.5356, 38.6160, 96.9529
YIQ	139.9880, -114.3460, -9.2100

# Conversions

## Conversions Part 2

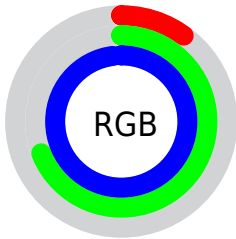
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 116, 251
Decimal	1683963
CIE Lab	68.47, -10.79, -46.77
CIE LCh	68, 47.998, 257.007
Yxy	38.6160, 0.1983, 0.2284
Android (android.graphics.Color)	4279874043 (0xFF19B1FB)
YUV	139.9880, 54.7289, -100.8445
Hunter-Lab	62.1418, -12.4182, -49.0044

# Details

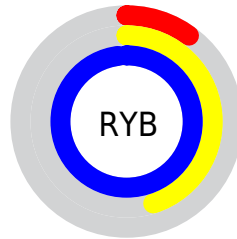
The Hex color **19B1FB** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **FB6319**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **75E8FF**, and **007DC2** is the 20% darker color. If you saturate the color by 10%, you get **00A9FB**, and if you desaturate by 10%, it is **32B9FB**.

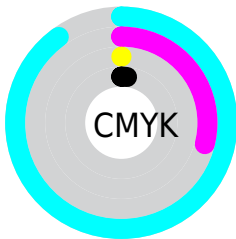
# Distribution



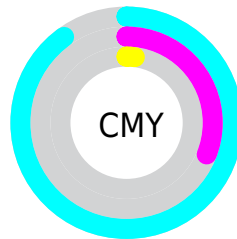
- Red (10%)
- Green (69%)
- Blue (98%)



- Red (10%)
- Yellow (45%)
- Blue (98%)



- Cyan (90%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)



- Cyan (90%)
- Magenta (31%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19B1FB 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 19B1FB by changing the saturation by 10% instead.



19B1FB

19B1FB

FFFFFF

0096DE

75E8FF

007DC2

96FFFF

0064A7

B6FFFF

004C8C

D6FFFF

003672

F6FFFF

002159

000741

00032A

000114

■ 19B1FB

■ 19B1FB

■ 00A9FB

■ 32B9FB

■ 4BC1FB

■ 64CAFB

■ 7DD2FB

■ 97DAFB

■ B0E2FB

■ C9EBFB

■ E2F3FB

■ FBFBBF

# Harmonies

## Analogous

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



00BAE5



19B1FB



8CA3FA

# Triad

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



19B1FB



F98490



78B66A

# Complementary

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



19B1FB



FB6319

# 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.



A9AC51



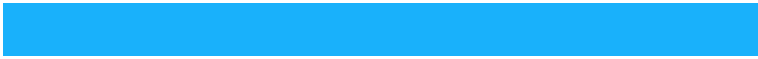
19B1FB



EE8E69

# Square

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



19B1FB



EE85BC



D19E51



2EBC92

# Rectangle

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



19B1FB



B898EC



D19E51



89B45F

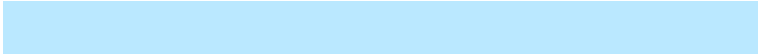


# Sweetspot

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



19B1FB



BAE8FF



19FB61



577280



000000



808080

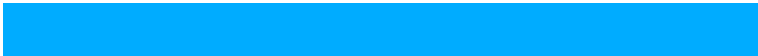


# Same Dimension

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



19B1FB



00ACFF



1942FB



70797D



007FBD



00293D



# Inverse Universe

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



FB19B1



FF00AC



FBD219



7D7079



BD007F

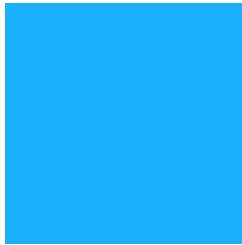


3D0029



# Previews

## White Background



This preview shows how the Hex color 19B1FB looks on a white background.

## Color Contrast Check

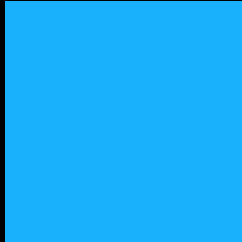
Large Text (above 18pt) WCAG AA × Fail

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 19B1FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

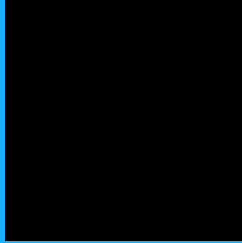
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

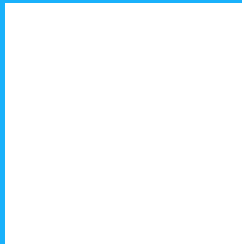
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 19B1FB Background



This preview shows how black text looks on a background with the Hex color 19B1FB.

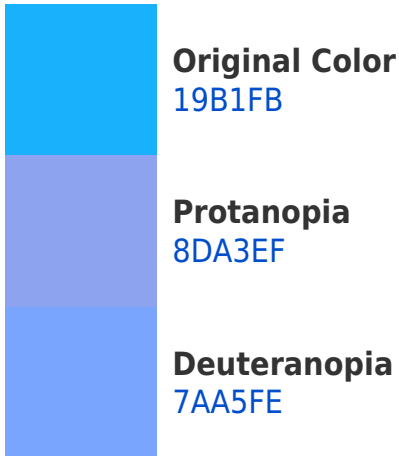


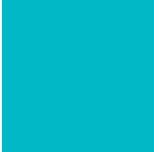
This preview shows how white text looks on a background with the Hex color 19B1FB.

# 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](#).

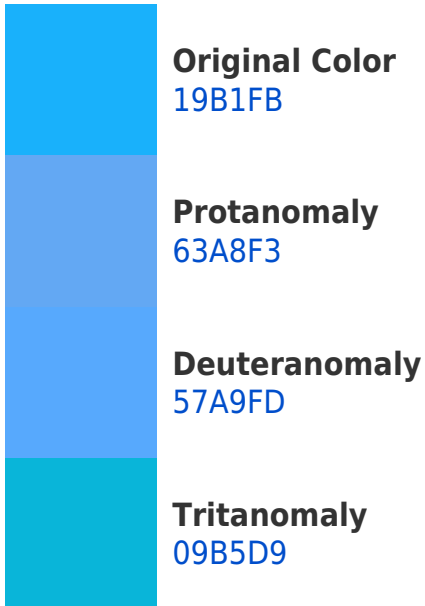
## Dichromacy



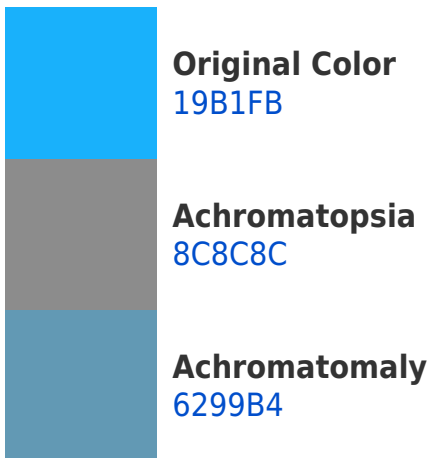


**Tritanopia**  
00B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19B1FB 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 #19B1FB looks like.

```
.text, #text, p{  
    color:#19B1FB  
}
```

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 #19B1FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19B1FB
}
```

## Border

The CSS property to change the border of an element to Hex 19B1FB 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
#19B1FB }
```

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

```
.border{ border-color:#19B1FB }
```

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

Here you see how a box with a 4 pixel #19B1FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19B1FB; -webkit-box-shadow:4px 4px  
4px 4px #19B1FB; box-shadow:4px 4px 4px  
4px #19B1FB }
```

# Background

The CSS property to change the background color of an element to Hex 19B1FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19B1FB }
```

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

```
.background{ background-color:#19B1FB }
```

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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