

Converting Colors

Hex(1BF5FE)

Have a look what the booklet for
Hex(1BF5FE) contains.

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Color

Hex(1BF5FE)

Conversions

Conversions Part 1

Format	Color
Hex	1BF5FE
RGB	27, 245, 254
RGB Percent	11%, 96%, 100%
CMY	0.8941, 0.0392, 0.0039
CMYK	0.89, 0.04, 0.00, 0.00
HSL	182°, 99%, 55%
HSV	182°, 89%, 100%
XYZ	50.9938, 72.6936, 105.1095
YIQ	180.8440, -132.8170, -43.4170

Conversions

Conversions Part 2

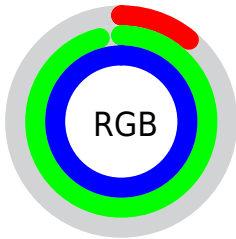
Format	Color
R _{YB}	27, 138, 254
Decimal	1832446
CIE Lab	88.30, -43.29, -17.83
CIE LCh	88, 46.820, 202.388
Yxy	72.6936, 0.2229, 0.3177
Android (android.graphics.Color)	4280022526 (0xFF1BF5FE)
YUV	180.8440, 36.0659, -134.9212
Hunter-Lab	85.2605, -42.4462, -13.4106

Details

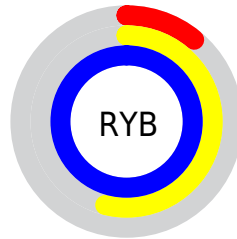
The Hex color **1BF5FE** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FE241B**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **7CFFFF**, and **00BCC5** is the 20% darker color. If you saturate the color by 10%, you get **02F4FE**, and if you desaturate by 10%, it is **34F6FE**.

Distribution



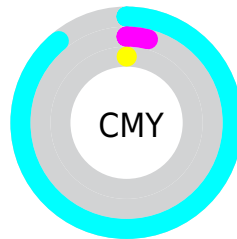
- Red (11%)
- Green (96%)
- Blue (100%)



- Red (11%)
- Yellow (54%)
- Blue (100%)



- Cyan (89%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BF5FE 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 1BF5FE by changing the saturation by 10% instead.

 1BF5FE

 1BF5FE

FFFFFF

 00D8E1

 7CFFFF

 00BCC5

 9FFFFFF

 00A1AA

 C0FFFF


 008690

 E1FFFF

 006C76

 00535D

 003A46

 00252F

 00011B

 1BF5FE

 1BF5FE

 02F4FE

 34F6FE

 00F4FE

 4EF7FE

 67F8FE

 81F9FE

 9AFAFE

 B3FBFE

 CDFCFE

 E6FDFE

FFFEFE

Harmonies

Analogous

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



69F5D0



1BF5FE



2FF0FF

Triad

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



1BF5FE



FFC6FF



FFD785

Complementary

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



1BF5FE



FE241B

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.



FFC899



1BF5FE



FFBCEB

Square

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



1BF5FE



D2D6FF



FFBCBE



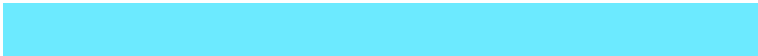
D9E589

Rectangle

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



1BF5FE



6CEAFF



FFBCBE



FFD289

Sweetspot

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



1BF5FE



BAFCFF



1BFE23



577E80



000000



808080

Same Dimension

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



1BF5FE



00F5FF



1B85FE



737F80



00B8BF



003D40

Inverse Universe

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



FE1BF5



FF00F5



FE941B



80737F



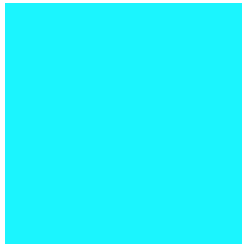
BF00B8



40003D

Previews

White Background



This preview shows how the Hex color 1BF5FE looks on a white background.

Color Contrast Check

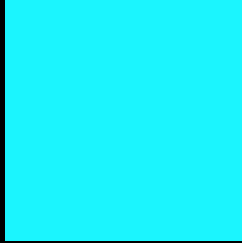
Large Text (above 18pt) WCAG AA × Fail

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 1BF5FE 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

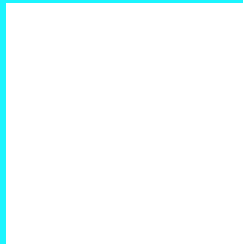
Any Text WCAG AAA ✓ Pass

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

Hex 1BF5FE Background



This preview shows how black text looks on a background with the Hex color 1BF5FE.

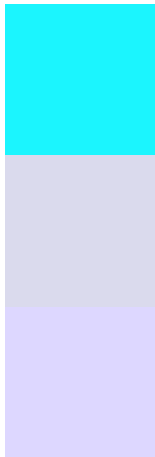


This preview shows how white text looks on a background with the Hex color 1BF5FE.

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](#).

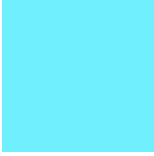
Dichromacy



Original Color
1BF5FE

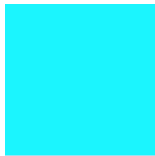
Protanopia
DADAED

Deuteranopia
DDD7FF



Tritanopia
70EFFF

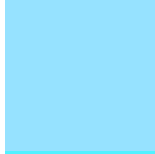
Trichromacy



Original Color
1BF5FE



Protanomaly
95E4F3



Deuteranomaly
96E2FF

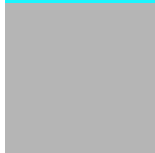


Tritanomaly
51F1FF

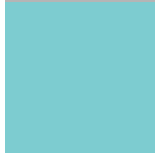
Monochromacy



Original Color
1BF5FE



Achromatopsia
B5B5B5



Achromatomaly
7DCCD0

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BF5FE 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 #1BF5FE looks like.

```
.text, #text, p{  
    color:#1BF5FE  
}
```

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 #1BF5FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BF5FE
}
```

Border

The CSS property to change the border of an element to Hex 1BF5FE 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
#1BF5FE }
```

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

```
.border{ border-color:#1BF5FE }
```

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

Here you see how a box with a 4 pixel #1BF5FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BF5FE; -webkit-box-shadow:4px 4px  
4px 4px #1BF5FE; box-shadow:4px 4px 4px  
4px #1BF5FE }
```

Background

The CSS property to change the background color of an element to Hex 1BF5FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BF5FE }
```

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

```
.background{ background-color:#1BF5FE }
```

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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