

Converting Colors

Hex(18B5FE)

Have a look what the booklet for
Hex(18B5FE) contains.

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Color

Hex(18B5FE)

Conversions

Conversions Part 1

Format	Color
Hex	18B5FE
RGB	24, 181, 254
RGB Percent	9%, 71%, 100%
CMY	0.9059, 0.2902, 0.0039
CMYK	0.91, 0.29, 0.00, 0.00
HSL	199°, 99%, 55%
HSV	199°, 91%, 100%
XYZ	34.7900, 40.3977, 99.7298
YIQ	142.3790, -117.0050, -10.5810

Conversions

Conversions Part 2

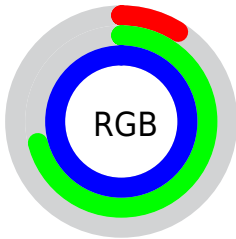
Format	Color
R _Y B	24, 117, 254
Decimal	1619454
CIE Lab	69.75, -11.96, -46.38
CIE LCh	70, 47.899, 255.546
Yxy	40.3977, 0.1989, 0.2310
Android (android.graphics.Color)	4279809534 (0xFF18B5FE)
YUV	142.3790, 55.0292, -103.8184
Hunter-Lab	63.5592, -13.5242, -48.5397

Details

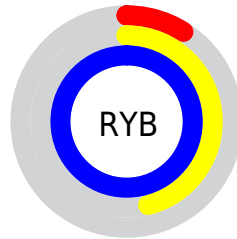
The Hex color **18B5FE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FE6118**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **75EDFF**, and **0080C5** is the 20% darker color. If you saturate the color by 10%, you get **00ADFE**, and if you desaturate by 10%, it is **31BDFE**.

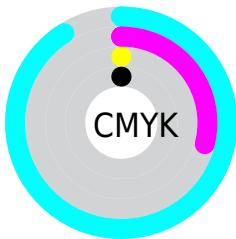
Distribution



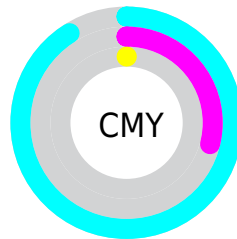
- Red (9%)
- Green (71%)
- Blue (100%)



- Red (9%)
- Yellow (46%)
- Blue (100%)



- Cyan (91%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18B5FE 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 18B5FE by changing the saturation by 10% instead.

 18B5FE

 18B5FE

FFFFFF

 009AE1

 75EDFF

 0080C5

 97FFFF

 0067A9

 B7FFFF

 00508F

 D7FFFF

 003975

 F7FFFF

 00245B

 000744

 00032C

 000117

 18B5FE

 18B5FE

 00ADFE

 31BDFE

 4BC5FE

 64CDFE

 7ED5FE

 97DDFE

 B0E5FE

 CAEDFE

 E3F5FE

 FDFEFE

Harmonies

Analogous

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



00BEE7



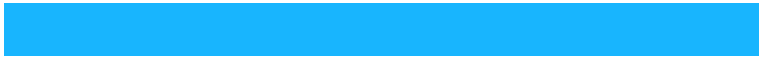
18B5FE



8CA7FE

Triad

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



18B5FE



FD8795



7EBA6B

Complementary

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



18B5FE



FE6118

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.



AFAF54



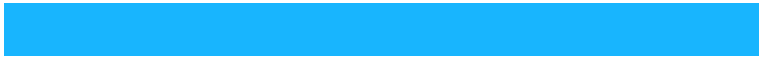
18B5FE



F3916E

Square

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



18B5FE



F189C1



D7A155



39BF93

Rectangle

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



18B5FE



B99CF1



D7A155



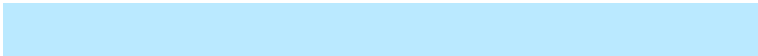
8FB761

Sweetspot

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



18B5FE



BAE9FF



18FE61



577380



000000



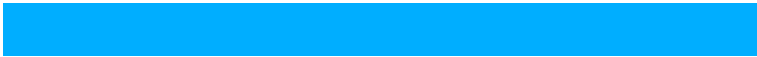
808080

Same Dimension

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



18B5FE



00AEFF



1842FE



737B80



0083BF



002C40

Inverse Universe

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



FE18B5



FF00AE



FED418



80737B



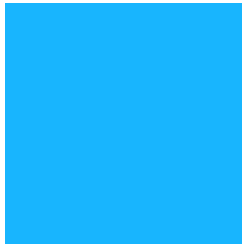
BF0083



40002C

Previews

White Background



This preview shows how the Hex color 18B5FE looks on a white background.

Color Contrast Check

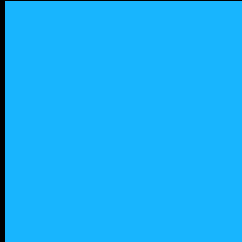
Large Text (above 18pt) WCAG AA × Fail

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 18B5FE 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

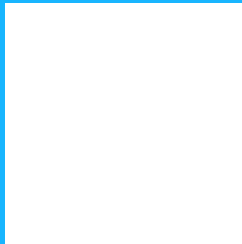
Any Text WCAG AAA ✓ Pass

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

Hex 18B5FE Background



This preview shows how black text looks on a background with the Hex color 18B5FE.

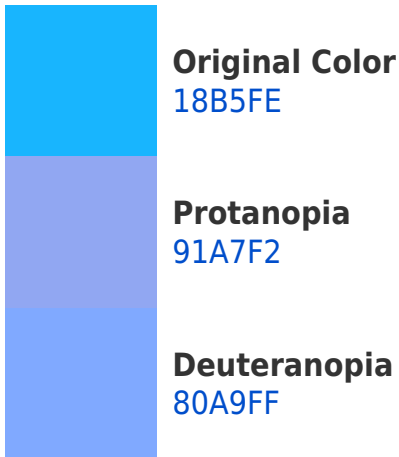


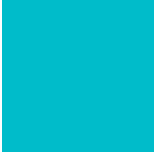
This preview shows how white text looks on a background with the Hex color 18B5FE.

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](#).

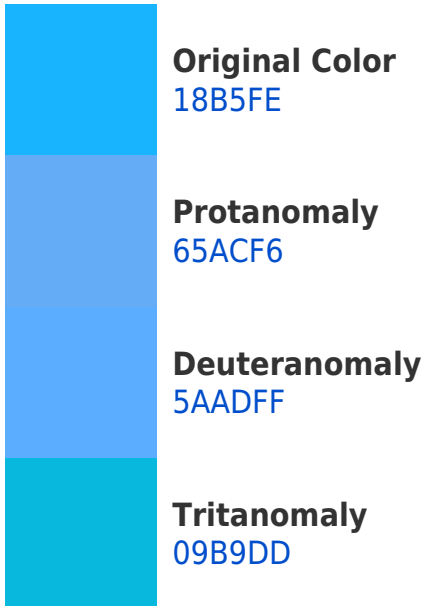
Dichromacy



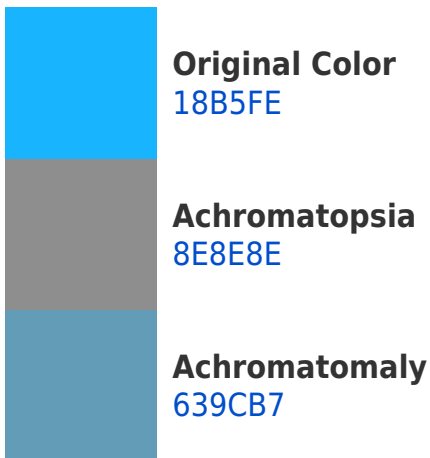


Tritanopia
00BCCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18B5FE 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 #18B5FE looks like.

```
.text, #text, p{  
    color:#18B5FE  
}
```

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 #18B5FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18B5FE
}
```

Border

The CSS property to change the border of an element to Hex 18B5FE 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
#18B5FE }
```

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

```
.border{ border-color:#18B5FE }
```

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

Here you see how a box with a 4 pixel #18B5FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18B5FE; -webkit-box-shadow:4px 4px  
4px 4px #18B5FE; box-shadow:4px 4px 4px  
4px #18B5FE }
```

Background

The CSS property to change the background color of an element to Hex 18B5FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18B5FE }
```

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

```
.background{ background-color:#18B5FE }
```

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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