

Converting Colors

Hex(18FFEF)

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

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Color

Hex(18FFEF)

Conversions

Conversions Part 1

Format	Color
Hex	18FFEF
RGB	24, 255, 239
RGB Percent	9%, 100%, 94%
CMY	0.9059, 0.0000, 0.0627
CMYK	0.91, 0.00, 0.06, 0.00
HSL	176°, 100%, 55%
HSV	176°, 91%, 100%
XYZ	51.7167, 77.9462, 93.9807
YIQ	184.1070, -132.5400, -53.9480

Conversions

Conversions Part 2

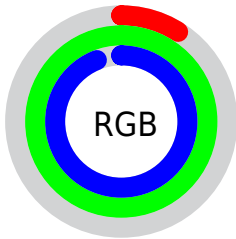
Format	Color
R _Y B	24, 144, 255
Decimal	1638383
CIE Lab	90.76, -51.96, -6.36
CIE LCh	91, 52.346, 186.983
Yxy	77.9462, 0.2312, 0.3485
Android (android.graphics.Color)	4279828463 (0xFF18FFEF)
YUV	184.1070, 27.0622, -140.4138
Hunter-Lab	88.2871, -49.9411, -1.3126

Details

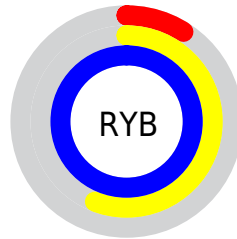
The Hex color **18FFEF** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF1828**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **7CFFFF**, and **00C5B7** is the 20% darker color. If you saturate the color by 10%, you get **00FFED**, and if you desaturate by 10%, it is **31FFF1**.

Distribution



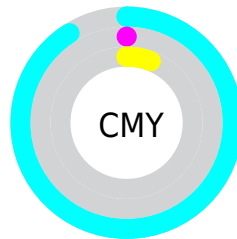
- Red (9%)
- Green (100%)
- Blue (94%)



- Red (9%)
- Yellow (56%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

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

 18FFEF

 18FFEF

FFFFFF

 00E2D3

 7CFFFF

 00C5B7

 9EFFFF

 00A99C

 C0FFFF

 008E82


 E0FFFF

 007469

 005A51

 00413A

 002B25

 000611

 18FDEF

 18FDEF

 00FFED

 31FFF1

 4BFFF3

 64FFF4

 7EFFF6

 97FFF8

 B1FFFA

 CBFFFB

 E4FFFD

 FDFFFF

Harmonies

Analogous

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



83FCBC



18FFEF



00FDFF

Triad

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



18FFEF



F9D3FF



FFD489

Complementary

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



18FFEF



FF1828

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.



FFC4AB



18FFEF



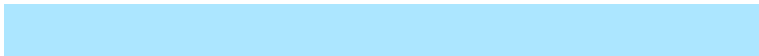
FFC3FF

Square

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



18FFEF



ACE6FF



FFBCDB



F9E57F

Rectangle

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



18FFEF



00F8FF



FFBCDB



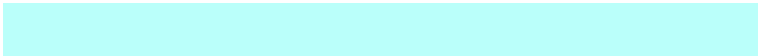
FFCE92

Sweetspot

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



18FFEF



BAFFFA



2BFF18



57807D



000000



808080

Same Dimension

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



18FFEF



00FFED



189FFF



73807F



00BFB2



00403B

Inverse Universe

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



FF1828



FF0012



FF7818



807374



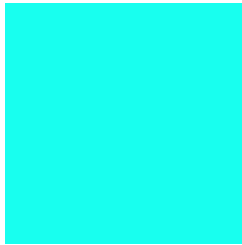
BF000D



400004

Previews

White Background



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

Color Contrast Check

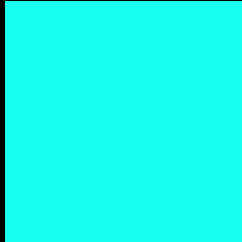
Large Text (above 18pt) WCAG AA × Fail

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 18FFEF 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 18FFEF Background



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

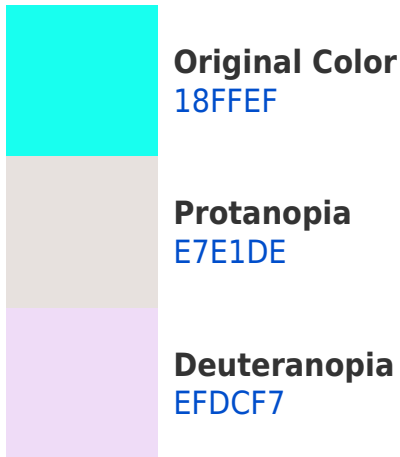


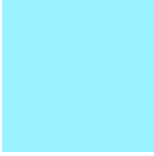
This preview shows how white text looks on a background with the Hex color 18FFEF.

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



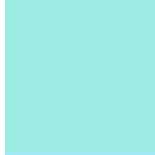


Tritanopia
98F2FF

Trichromacy



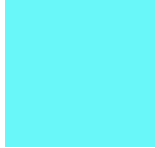
Original Color
18FFEF



Protanomaly
9CECE4



Deuteranomaly
A1E9F4

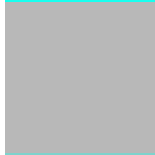


Tritanomaly
69F7F9

Monochromacy



Original Color
18FFEF



Achromatopsia
B8B8B8



Achromatomaly
7ED2CC

CSS Examples

Text

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

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

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 #18FFEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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