

Converting Colors

Hex(18FFFF)

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

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Color

Hex(18FFFF)

Conversions

Conversions Part 1

Format	Color
Hex	18FFFF
RGB	24, 255, 255
RGB Percent	9%, 100%, 100%
CMY	0.9059, 0.0000, 0.0000
CMYK	0.91, 0.00, 0.00, 0.00
HSL	180°, 100%, 55%
HSV	180°, 91%, 100%
XYZ	54.1867, 78.9342, 106.9876
YIQ	185.9310, -137.6760, -48.9720

Conversions

Conversions Part 2

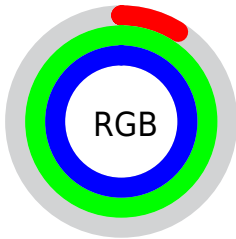
Format	Color
R_{YB}	24, 140, 255
Decimal	1638399
CIE _{Lab}	91.20, -47.50, -14.00
CIE _{LCh}	91, 49.516, 196.421
Yxy	78.9342, 0.2257, 0.3287
Android (android.graphics.Color)	4279828479 (0xFF18FFFF)
YUV	185.9310, 34.0510, -142.0135
Hunter-Lab	88.8449, -46.6111, -9.2060

Details

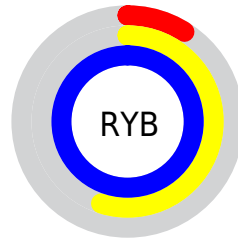
The Hex color **18FFFF** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF1818**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **7DFFFF**, and **00C5C6** is the 20% darker color. If you saturate the color by 10%, you get **00FFFF**, and if you desaturate by 10%, it is **31FFFF**.

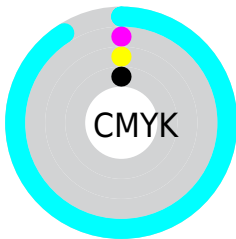
Distribution



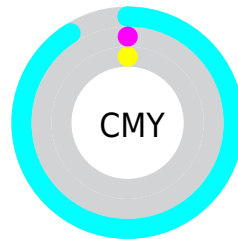
- Red (9%)
- Green (100%)
- Blue (100%)



- Red (9%)
- Yellow (55%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 18FFFF

 18FFFF

FFFFFF

 00E2E2

 7DFFFF

 00C5C6

 A0FFFF

 00AAAB

 C2FFFF

 008E91

 E3FFFF

 007477

 005A5E

 004247

 002C30

 000A1C

 18FFFF

 18FFFF

 00FFFF

 31FFFF

 4BFFFF

 64FFFF

 7EFFFF

 97FFFF

 B1FFFF

 CBFFFF

 E4FFFF

 FDFFFF

Harmonies

Analogous

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



76FECE



18FFFF



00BFFF

Triad

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



18FFFF



FF00FF



FFD700

Complementary

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



18FFFF



FF1818

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.



FFCBA3



18FFFF



FFC3FD

Square

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



18FFFF



CBE1FF



FFC1CD



EBEB89

Rectangle

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



18FFFF



55F5FF



FFC1CD



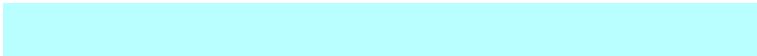
FFD68F

Sweetspot

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



18FFFF



BAFFFF



18FF18



578080



000000



808080

Same Dimension

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



18FFFF



00FFFF



188CFF



738080



00BFBF



004040

Inverse Universe

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



FF18FF



FF00FF



FF8C18



807380



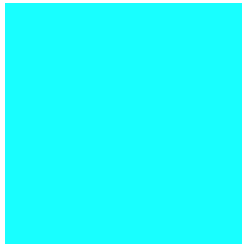
BF00BF



400040

Previews

White Background



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

Color Contrast Check

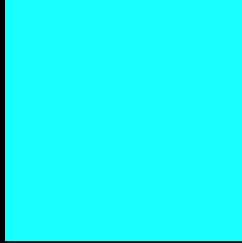
Large Text (above 18pt) WCAG AA × Fail

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 18FFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

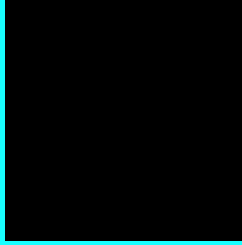
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

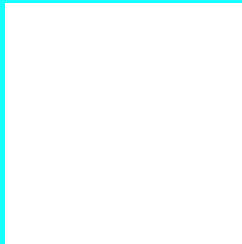
Any Text WCAG AAA ✓ Pass

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

Hex 18FFFF Background



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

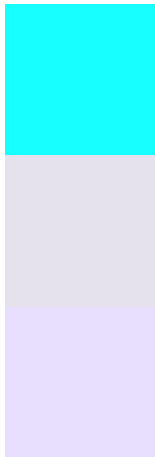


This preview shows how white text looks on a background with the Hex color 18FFFF.

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](#).

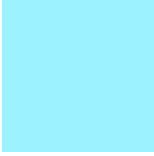
Dichromacy



Original Color
18FFFF

Protanopia
E5E2ED

Deuteranopia
E8DFFF



Tritanopia
9DF2FF

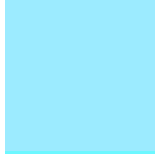
Trichromacy



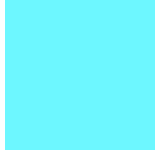
Original Color
18FFFF



Protanomaly
9AEDF4



Deuteranomaly
9CEBFF

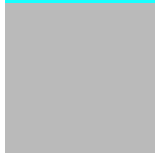


Tritanomaly
6DF7FF

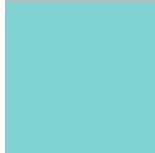
Monochromacy



Original Color
18FFFF



Achromatopsia
BABABA



Achromatomaly
7FD3D3

CSS Examples

Text

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

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

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 #18FFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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