

Converting Colors

Hex(1CF2FF)

Have a look what the booklet for
Hex(1CF2FF) contains.

Hex(1CF2FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1CF2FF)

Conversions

Conversions Part 1

Format	Color
Hex	1CF2FF
RGB	28, 242, 255
RGB Percent	11%, 95%, 100%
CMY	0.8902, 0.0510, 0.0000
CMYK	0.89, 0.05, 0.00, 0.00
HSL	183°, 100%, 55%
HSV	183°, 89%, 100%
XYZ	50.2810, 70.9711, 105.6565
YIQ	179.4960, -131.7170, -41.3250

Conversions

Conversions Part 2

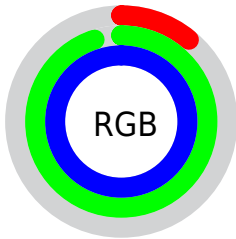
Format	Color
R _Y B	28, 138, 255
Decimal	1897215
CIE Lab	87.47, -41.61, -19.61
CIE LCh	87, 46.001, 205.228
Yxy	70.9711, 0.2216, 0.3128
Android (android.graphics.Color)	4280087295 (0xFF1CF2FF)
YUV	179.4960, 37.2235, -132.8620
Hunter-Lab	84.2444, -40.8904, -15.3885

Details

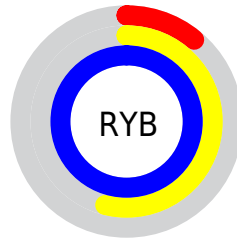
The Hex color **1CF2FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF291C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **7CFFFF**, and **00B9C6** is the 20% darker color. If you saturate the color by 10%, you get **03F1FF**, and if you desaturate by 10%, it is **36F3FF**.

Distribution



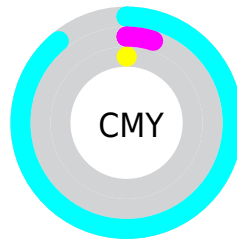
- Red (11%)
- Green (95%)
- Blue (100%)



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



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CF2FF 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 1CF2FF by changing the saturation by 10% instead.

 1CF2FF

 1CF2FF

FFFFFF

 00D5E2

 7CFFFF

 00B9C6

 9FFFFFF

 009EAB

 C0FFFF

 008390

 E1FFFF

 006977

 00505E

 003846

 002330

 00011C

 1CF2FF

 1CF2FF

 03F1FF

 36F3FF

 00F0FF

 4FF5FF

 69F6FF

 82F8FF

 9CF9FF

 B5FBFF

 CFFCFF

 E8FEFF

FFFFFF

Harmonies

Analogous

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



64F2D2



1CF2FF



3CEDFF

Triad

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



1CF2FF



FFC3FF



FED684

Complementary

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



1CF2FF



FF291C

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.



FFC795



1CF2FF



FFBAE4

Square

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



1CF2FF



D6D2FF



FFBBB8



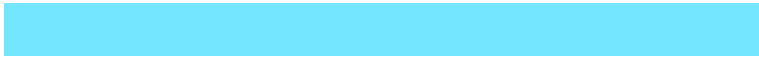
D2E48B

Rectangle

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



1CF2FF



74E6FF



FFBBB8



FFD187

Sweetspot

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



1CF2FF



BAFBFF



1CFF27



577D80



000000



808080

Same Dimension

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



1CF2FF



00F0FF



1C82FF



737F80



00B4BF



003C40

Inverse Universe

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



FF1CF2



FF00F0



FF991C



80737F



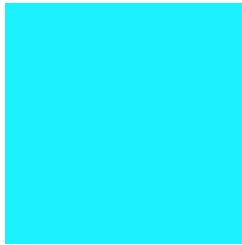
BF00B4



40003C

Previews

White Background



This preview shows how the Hex color 1CF2FF looks on a white background.

Color Contrast Check

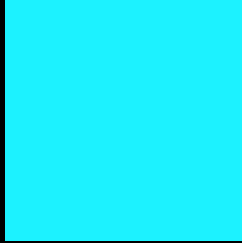
Large Text (above 18pt) WCAG AA × Fail

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 1CF2FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

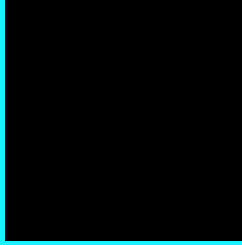
Any Text WCAG AA ✓ Pass

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 1CF2FF Background



This preview shows how black text looks on a background with the Hex color 1CF2FF.

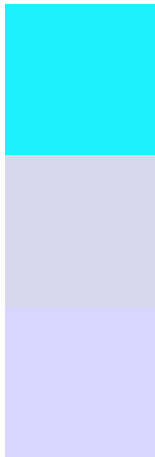


This preview shows how white text looks on a background with the Hex color 1CF2FF.

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](#).

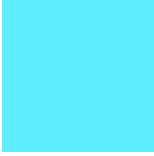
Dichromacy



Original Color
1CF2FF

Protanopia
D7D8EE

Deuteranopia
D9D5FF

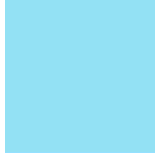


Tritanopia
5FEEFF

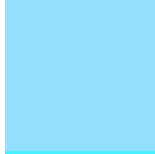
Trichromacy



Original Color
1CF2FF



Protanomaly
93E1F4



Deuteranomaly
94E0FF

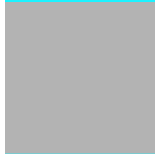


Tritanomaly
47EFFF

Monochromacy



Original Color
1CF2FF



Achromatopsia
B3B3B3



Achromatomaly
7CCACF

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CF2FF 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 #1CF2FF looks like.

```
.text, #text, p{  
    color:#1CF2FF  
}
```

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 #1CF2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CF2FF
}
```

Border

The CSS property to change the border of an element to Hex 1CF2FF 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
#1CF2FF }
```

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

```
.border{ border-color:#1CF2FF }
```

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

Here you see how a box with a 4 pixel #1CF2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CF2FF; -webkit-box-shadow:4px 4px  
4px 4px #1CF2FF; box-shadow:4px 4px 4px  
4px #1CF2FF }
```

Background

The CSS property to change the background color of an element to Hex 1CF2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CF2FF }
```

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

```
.background{ background-color:#1CF2FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor