

Converting Colors

Hex(1DF8FF)

Have a look what the booklet for
Hex(1DF8FF) contains.

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Color

Hex(1DF8FF)

Conversions

Conversions Part 1

Format	Color
Hex	1DF8FF
RGB	29, 248, 255
RGB Percent	11%, 97%, 100%
CMY	0.8863, 0.0275, 0.0000
CMYK	0.89, 0.03, 0.00, 0.00
HSL	182°, 100%, 56%
HSV	182°, 89%, 100%
XYZ	52.1241, 74.6160, 106.2628
YIQ	183.3170, -132.7710, -44.2510

Conversions

Conversions Part 2

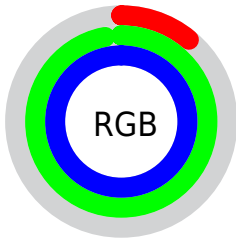
Format	Color
R _Y B	29, 140, 255
Decimal	1964287
CIE Lab	89.21, -44.24, -16.98
CIE LCh	89, 47.387, 200.999
Yxy	74.6160, 0.2237, 0.3202
Android (android.graphics.Color)	4280154367 (0xFF1DF8FF)
YUV	183.3170, 35.3397, -135.3360
Hunter-Lab	86.3806, -43.4548, -12.4704

Details

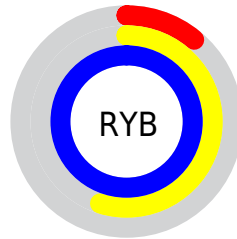
The Hex color **1DF8FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF241D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **7EFFFF**, and **00BFC6** is the 20% darker color. If you saturate the color by 10%, you get **04F7FF**, and if you desaturate by 10%, it is **37F9FF**.

Distribution



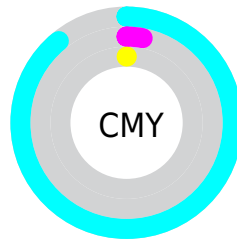
- Red (11%)
- Green (97%)
- Blue (100%)



- Red (11%)
- Yellow (55%)
- Blue (100%)



- Cyan (89%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DF8FF 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 1DF8FF by changing the saturation by 10% instead.

 1DF8FF

 1DF8FF

FFFFFF

 00DBE2

 7EFFFF

 00BFC6

 A0FFFF

 00A3AB

 C2FFFF

 008891

 E2FFFF

 006E77

 00555E

 003D47

 002730

 00021C

 1DF8FF

 1DF8FF

 04F7FF

 37F9FF

 00F7FF

 50FAFF

 6AFAFF

 83FBFF

 9DFCFF

 B6FDFF

 D0FEFF

 E9FEFF

FFFFFF

Harmonies

Analogous

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



6DF7D0



1DF8FF



29F3FF

Triad

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



1DF8FF



FFC9FF



FFD986

Complementary

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



1DF8FF



FF241D

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.



FFC99C



1DF8FF



FFBEF0

Square

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



1DF8FF



D1D9FF



FFBEC2



DEE78A

Rectangle

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



1DF8FF



68EDFF



FFBEC2



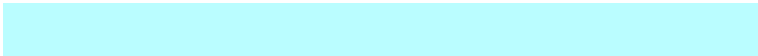
FFD38B

Sweetspot

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



1DF8FF



BAFDFF



1DFF21



577E80



000000



808080

Same Dimension

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



1DF8FF



00F7FF



1D8AFF



737F80



00B9BF



003E40

Inverse Universe

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



FF1DF8



FF00F7



FF921D



80737F



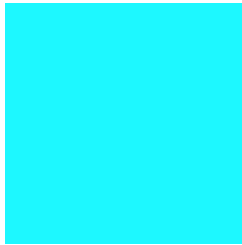
BF00B9



40003E

Previews

White Background



This preview shows how the Hex color 1DF8FF looks on a white background.

Color Contrast Check

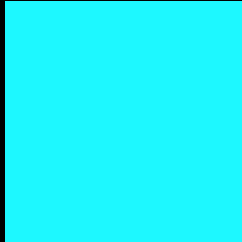
Large Text (above 18pt) WCAG AA × Fail

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 1DF8FF 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 1DF8FF Background



This preview shows how black text looks on a background with the Hex color 1DF8FF.

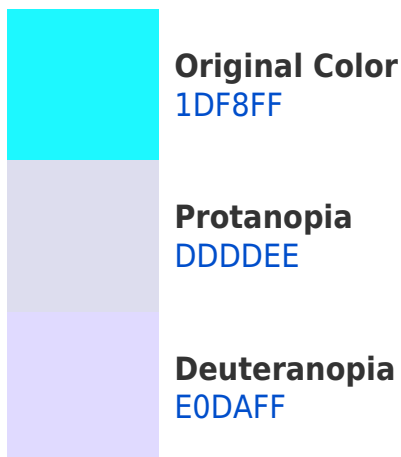


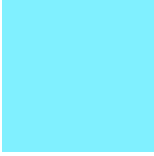
This preview shows how white text looks on a background with the Hex color 1DF8FF.

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](#).

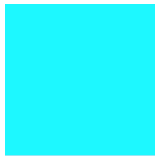
Dichromacy



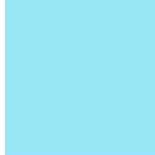


Tritanopia
80F0FF

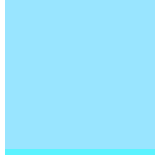
Trichromacy



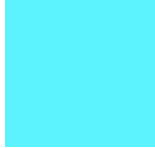
Original Color
1DF8FF



Protanomaly
97E7F4



Deuteranomaly
99E5FF

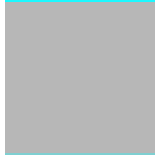


Tritanomaly
5CF3FF

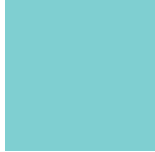
Monochromacy



Original Color
1DF8FF



Achromatopsia
B7B7B7



Achromatomaly
7FCFD1

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DF8FF 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 #1DF8FF looks like.

```
.text, #text, p{  
    color:#1DF8FF  
}
```

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 #1DF8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DF8FF
}
```

Border

The CSS property to change the border of an element to Hex 1DF8FF 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
#1DF8FF }
```

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

```
.border{ border-color:#1DF8FF }
```

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

Here you see how a box with a 4 pixel #1DF8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DF8FF; -webkit-box-shadow:4px 4px  
4px 4px #1DF8FF; box-shadow:4px 4px 4px  
4px #1DF8FF }
```

Background

The CSS property to change the background color of an element to Hex 1DF8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DF8FF }
```

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

```
.background{ background-color:#1DF8FF }
```

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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