

Converting Colors

Hex(1FD7F8)

Have a look what the booklet for
Hex(1FD7F8) contains.

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Color

Hex(1FD7F8)

Conversions

Conversions Part 1

Format	Color
Hex	1FD7F8
RGB	31, 215, 248
RGB Percent	12%, 84%, 97%
CMY	0.8784, 0.1569, 0.0275
CMYK	0.88, 0.13, 0.00, 0.03
HSL	189°, 94%, 55%
HSV	189°, 88%, 97%
XYZ	41.8088, 55.6695, 97.3487
YIQ	163.7460, -120.2570, -28.7450

Conversions

Conversions Part 2

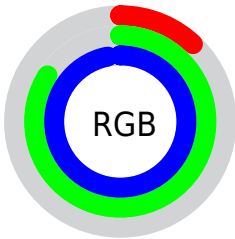
Format	Color
R _Y B	31, 131, 248
Decimal	2086904
CIE Lab	79.43, -31.06, -28.15
CIE LCh	79, 41.913, 222.185
Yxy	55.6695, 0.2146, 0.2857
Android (android.graphics.Color)	4280276984 (0xFF1FD7F8)
YUV	163.7460, 41.5372, -116.4182
Hunter-Lab	74.6120, -30.5486, -25.1292

Details

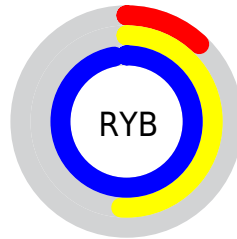
The Hex color **1FD7F8** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F8401F**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **79FFFF**, and **00A0C0** is the 20% darker color. If you saturate the color by 10%, you get **06D3F8**, and if you desaturate by 10%, it is **38DBF8**.

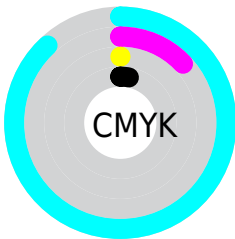
Distribution



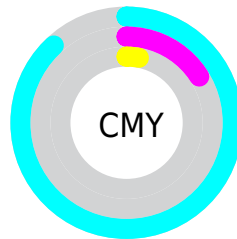
- Red (12%)
- Green (84%)
- Blue (97%)



- Red (12%)
- Yellow (51%)
- Blue (97%)



- Cyan (88%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (88%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FD7F8 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 1FD7F8 by changing the saturation by 10% instead.

 1FD7F8

 1FD7F8

FFFFFF

 00BBDB

 79FFFF

 00A0C0

 9BFFFF

 0085A4

 BBFFFF

 006C8A

 DBFFFF

 005370

 FBFFFF

 003B58

 002640

 00032A

 000115

 1FD7F8

 1FD7F8

 06D3F8

 38DBF8

 00D2F8

 51DFF8

 69E2F8

 82E6F8

 9BEAF8

 B4EEF8

 CDF1F8

 E5F5F8

 FEF9F8

Harmonies

Analogous

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



3ADAD4



1FD7F8



63CFFF

Triad

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



1FD7F8



FFA9DE



CFC877

Complementary

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



1FD7F8



F8401F

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.



F3BA7B



1FD7F8



FFA7B6

Square

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



1FD7F8



DEB5FF



FFAE92



A4D28A

Rectangle

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



1FD7F8



91C8FF



FFAE92



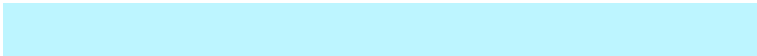
DCC376

Sweetspot

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



1FD7F8



BDF5FF



1FF840



587980



000000



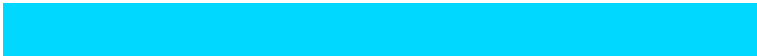
808080

Same Dimension

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



1FD7F8



00D8FF



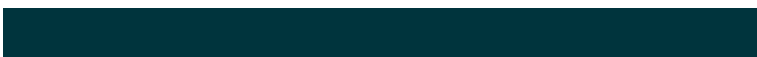
1F6BF8



707B7D



00A0BD



00343D

Inverse Universe

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



F81FD7



FF00D8



F8AC1F



7D707B



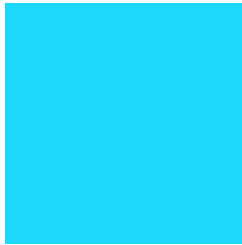
BD00A0



3D0034

Previews

White Background



This preview shows how the Hex color 1FD7F8 looks on a white background.

Color Contrast Check

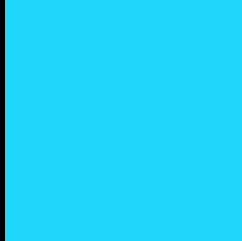
Large Text (above 18pt) WCAG AA × Fail

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 1FD7F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

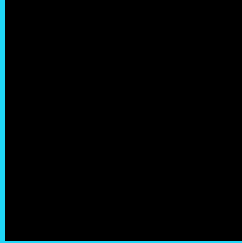
Any Text WCAG AA ✓ Pass

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 1FD7F8 Background



This preview shows how black text looks on a background with the Hex color 1FD7F8.

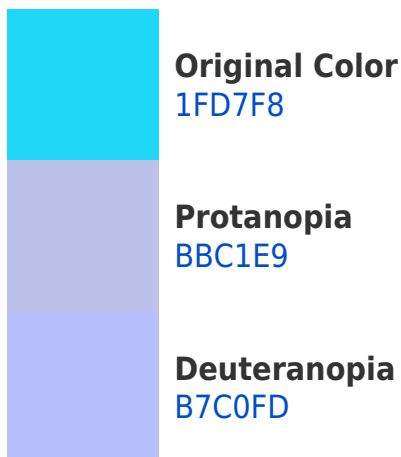


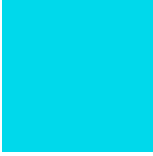
This preview shows how white text looks on a background with the Hex color 1FD7F8.

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
00D9EB

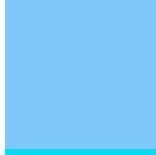
Trichromacy



Original Color
1FD7F8



Protanomaly
82C9EE



Deuteranomaly
80C8FB



Tritanomaly
0BD8F0

Monochromacy



Original Color
1FD7F8



Achromatopsia
A4A4A4



Achromatomaly
74B7C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FD7F8 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 #1FD7F8 looks like.

```
.text, #text, p{  
    color:#1FD7F8  
}
```

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 #1FD7F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FD7F8  
}
```

Border

The CSS property to change the border of an element to Hex 1FD7F8 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  
#1FD7F8 }
```

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

```
.border{ border-color:#1FD7F8 }
```

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

Here you see how a box with a 4 pixel #1FD7F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FD7F8; -webkit-box-shadow:4px 4px  
4px 4px #1FD7F8; box-shadow:4px 4px 4px  
4px #1FD7F8 }
```

Background

The CSS property to change the background color of an element to Hex 1FD7F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FD7F8 }
```

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

```
.background{ background-color:#1FD7F8 }
```

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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