

Converting Colors

Hex(1FF1DA)

Have a look what the booklet for
Hex(1FF1DA) contains.

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Color

Hex(1FF1DA)

Conversions

Conversions Part 1

Format	Color
Hex	1FF1DA
RGB	31, 241, 218
RGB Percent	12%, 95%, 85%
CMY	0.8784, 0.0549, 0.1451
CMYK	0.87, 0.00, 0.10, 0.05
HSL	173°, 88%, 53%
HSV	173°, 87%, 95%
XYZ	44.6753, 68.2639, 77.1513
YIQ	175.5880, -117.7770, -51.6730

Conversions

Conversions Part 2

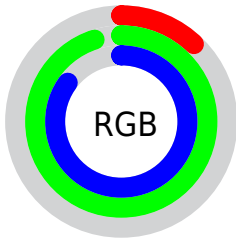
Format	Color
RYB	31, 142, 241
Decimal	2093530
CIELab	86.14, -51.49, -2.20
CIELCh	86, 51.540, 182.449
Yxy	68.2639, 0.2350, 0.3591
Android (android.graphics.Color)	4280283610 (0xFF1FF1DA)
YUV	175.5880, 20.9091, -126.8037
Hunter-Lab	82.6219, -48.0700, 2.4711

Details

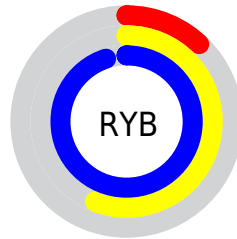
The Hex color **1FF1DA** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **F11F36**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **79FFFF**, and **00B8A3** is the 20% darker color. If you saturate the color by 10%, you get **07F1D7**, and if you desaturate by 10%, it is **37F1DD**.

Distribution



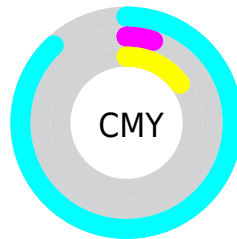
- Red (12%)
- Green (95%)
- Blue (85%)



- Red (12%)
- Yellow (56%)
- Blue (95%)



- Cyan (87%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)



- Cyan (88%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FF1DA 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 1FF1DA by changing the saturation by 10% instead.

 1FF1DA

 1FF1DA

FFFFFF

 00D4BE

 79FFFF

 00B8A3

 9BFFFF

 009C89

 BCFFFF

 008170

 DCFFFF

 006757

 FCFFFF

 004E40

 00362A

 001E16

 000000

■ 1FF1DA

■ 1FF1DA

■ 07F1D7

■ 37F1DD

■ 00F1D7

■ 4FF1DF

■ 67F1E2

■ 7FF1E5

■ 97F1E7

■ B0F1EA

■ C8F1EC

■ E0F1EF

■ F8F1F2

Harmonies

Analogous

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



82EDA9



1FF1DA



00F0FF

Triad

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



1FF1DA



E1C9FF



FFC582

Complementary

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



1FF1DA



F11F36

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.



FFB6A6



1FF1DA



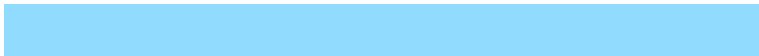
FFB8FF

Square

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



1FF1DA



91DBFF



FFB0D5



F2D674

Rectangle

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



1FF1DA



00EBFF



FFB0D5



FFBF8C

Sweetspot

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



1FF1DA



BDFFF8



37F11F



58807B



000000



808080

Same Dimension

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



1FF1DA



00FFE3



1FA1F1



6C7877



00B8A3



003832

Inverse Universe

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



F11F36



FF001C



F16F1F



786C6D



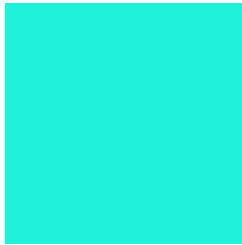
B80014



380006

Previews

White Background



This preview shows how the Hex color 1FF1DA looks on a white background.

Color Contrast Check

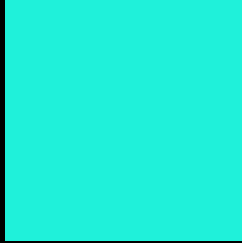
Large Text (above 18pt) WCAG AA × Fail

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 1FF1DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

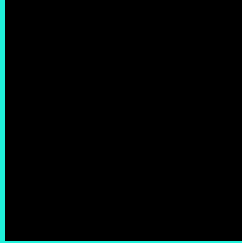
Any Text WCAG AA ✓ Pass

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 1FF1DA Background



This preview shows how black text looks on a background with the Hex color 1FF1DA.

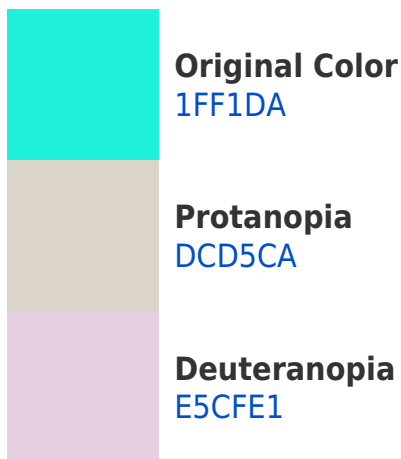


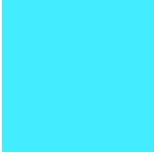
This preview shows how white text looks on a background with the Hex color 1FF1DA.

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
43ECFF

Trichromacy



Original Color
1FF1DA



Protanomaly
97DFD0



Deuteranomaly
9DDBDE

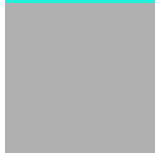


Tritanomaly
36EEF2

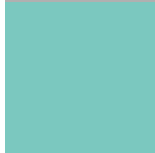
Monochromacy



Original Color
1FF1DA



Achromatopsia
B0B0B0



Achromatomaly
7BC8BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FF1DA 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 #1FF1DA looks like.

```
.text, #text, p{  
    color:#1FF1DA  
}
```

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 #1FF1DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FF1DA
}
```

Border

The CSS property to change the border of an element to Hex 1FF1DA 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
#1FF1DA }
```

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

```
.border{ border-color:#1FF1DA }
```

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

Here you see how a box with a 4 pixel #1FF1DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FF1DA; -webkit-box-shadow:4px 4px  
4px 4px #1FF1DA; box-shadow:4px 4px 4px  
4px #1FF1DA }
```

Background

The CSS property to change the background color of an element to Hex 1FF1DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FF1DA }
```

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

```
.background{ background-color:#1FF1DA }
```

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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