

Converting Colors

Hex(1FFFD7)

Have a look what the booklet for
Hex(1FFFD7) contains.

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Color

Hex(1FFFD7)

Conversions

Conversions Part 1

Format	Color
Hex	1FFFD7
RGB	31, 255, 215
RGB Percent	12%, 100%, 84%
CMY	0.8784, 0.0000, 0.1569
CMYK	0.88, 0.00, 0.16, 0.00
HSL	169°, 100%, 56%
HSV	169°, 88%, 100%
XYZ	48.5908, 76.7176, 76.5370
YIQ	183.4640, -120.6640, -59.9280

Conversions

Conversions Part 2

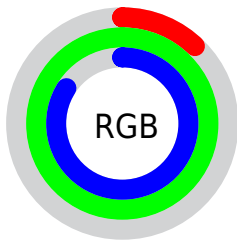
Format	Color
RYB	31, 154, 255
Decimal	2097111
CIELab	90.19, -57.92, 5.26
CIElCh	90, 58.161, 174.811
Yxy	76.7176, 0.2407, 0.3801
Android (android.graphics.Color)	4280287191 (0xFF1FFFD7)
YUV	183.4640, 15.5472, -133.7109
Hunter-Lab	87.5886, -54.2550, 9.5030

Details

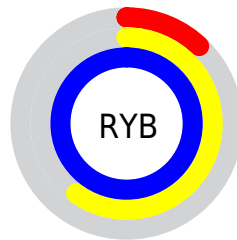
The Hex color **1FFFD7** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF1F47**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **7CFFFF**, and **00C5A0** is the 20% darker color. If you saturate the color by 10%, you get **06FFD2**, and if you desaturate by 10%, it is **39FFDC**.

Distribution



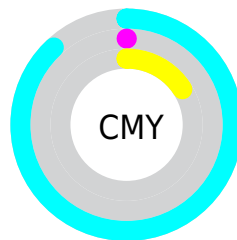
- Red (12%)
- Green (100%)
- Blue (84%)



- Red (12%)
- Yellow (60%)
- Blue (100%)



- Cyan (88%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (88%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FFFD7 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 1FFFD7 by changing the saturation by 10% instead.

 1FFFD7

 1FFFD7

FFFFFF

 00E2BB

 7CFFFF

 00C5A0

 9EFFFF

 00A986

 BFFFFFF

 008E6D

 DFFFFFF

 007355

 00593E

 004028

 002913

 000100

 1FFFD7

 1FFFD7

 06FFD2

 39FFDC


 00FFD1

 52FFE0

 6BFFE5

 85FFE9

 9FFFE6

 B8FFF2

 D2FFF7

 EBFFFB

FFFFFF

Harmonies

Analogous

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



94F9A1



1FFFD7



00FFFF

Triad

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



1FFFD7



D9D8FF



FFC889

Complementary

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



1FFFD7



FF1F47

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.



FFB8B7



1FFFD7



FFC3FF

Square

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



1FFFD7



6DECFE



FFB6EF



FFDC72

Rectangle

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



1FFFD7



00FCFF



FFB6EF



FFC297

Sweetspot

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



1FFFD7



BDFFF3



48FF1F



588078



000000



808080

Same Dimension

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



1FFFD7



00FFD1



1FB8FF



73807D



00BF9D



004034

Inverse Universe

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



FF1F47



FF002E



FF661F



807375



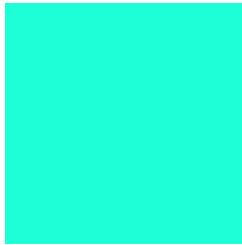
BF0022



40000B

Previews

White Background



This preview shows how the Hex color 1FFFD7 looks on a white background.

Color Contrast Check

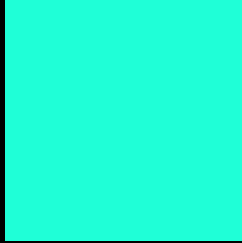
Large Text (above 18pt) WCAG AA × Fail

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 1FFFD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

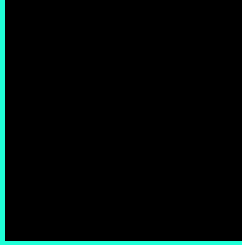
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

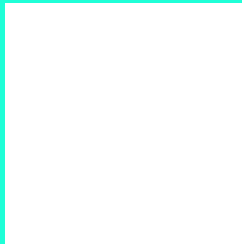
Any Text WCAG AAA ✓ Pass

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

Hex 1FFFD7 Background



This preview shows how black text looks on a background with the Hex color 1FFFD7.

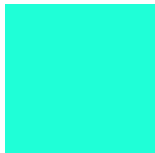


This preview shows how white text looks on a background with the Hex color 1FFFD7.

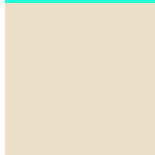
Color Blindness Simulation

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](#).

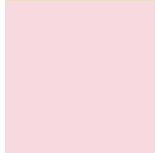
Dichromacy



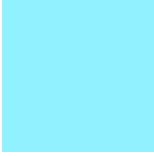
Original Color
1FFFD7



Protanopia
EBE0C7

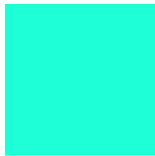


Deuteranopia
F7D9DF

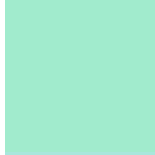


Tritanopia
91F1FF

Trichromacy



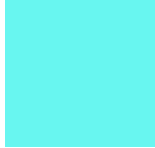
Original Color
1FFFD7



Protanomaly
A1EBCD



Deuteranomaly
A8E7DC

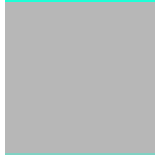


Tritanomaly
68F6F0

Monochromacy



Original Color
1FFFD7



Achromatopsia
B7B7B7



Achromatomaly
80D1C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FFFD7 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 #1FFFD7 looks like.

```
.text, #text, p{  
    color:#1FFFD7  
}
```

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 #1FFFD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FFFD7
}
```

Border

The CSS property to change the border of an element to Hex 1FFFD7 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
#1FFFD7 }
```

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

```
.border{ border-color:#1FFFD7 }
```

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

Here you see how a box with a 4 pixel #1FFFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FFFD7; -webkit-box-shadow:4px 4px  
4px 4px #1FFFD7; box-shadow:4px 4px 4px  
4px #1FFFD7 }
```

Background

The CSS property to change the background color of an element to Hex 1FFFD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FFFD7 }
```

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

```
.background{ background-color:#1FFFD7 }
```

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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