

Converting Colors

Hex(1FFFD8)

Have a look what the booklet for
Hex(1FFFD8) contains.

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Color

Hex(1FFFD8)

Conversions

Conversions Part 1

Format	Color
Hex	1FFFD8
RGB	31, 255, 216
RGB Percent	12%, 100%, 85%
CMY	0.8784, 0.0000, 0.1529
CMYK	0.88, 0.00, 0.15, 0.00
HSL	170°, 100%, 56%
HSV	170°, 88%, 100%
XYZ	48.7197, 76.7692, 77.2159
YIQ	183.5780, -120.9850, -59.6170

Conversions

Conversions Part 2

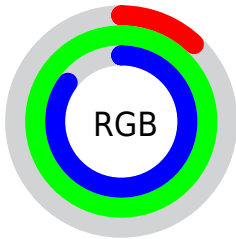
Format	Color
RYB	31, 154, 255
Decimal	2097112
CIELab	90.22, -57.67, 4.78
CIELCh	90, 57.869, 175.265
Yxy	76.7692, 0.2403, 0.3787
Android (android.graphics.Color)	4280287192 (0xFF1FFFD8)
YUV	183.5780, 15.9840, -133.8109
Hunter-Lab	87.6180, -54.0771, 9.0816

Details

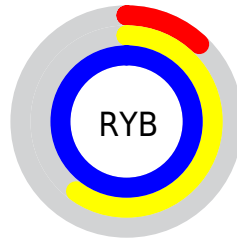
The Hex color **1FFFD8** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF1F46**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **7CFFFF**, and **00C5A1** is the 20% darker color. If you saturate the color by 10%, you get **06FFD4**, and if you desaturate by 10%, it is **39FFDC**.

Distribution



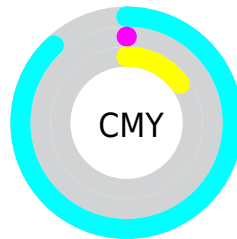
- Red (12%)
- Green (100%)
- Blue (85%)



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



- Cyan (88%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (88%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FFFD8 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 1FFFD8 by changing the saturation by 10% instead.

 1FFFD8

 1FFFD8

FFFFFF

 00E2BC

 7CFFFF

 00C5A1

 9EFFFF

 00A987

 BFFFFFF

 008E6E

 DFFFFFF

 007356

 00593E

 004029

 002914

 000100

 1FFFD8

 1FFFD8

 06FFD4

 39FFDC

 00FFD3

 52FFE1

 6BFFE5

 85FFEA

 9FFFE6

 B8FFF3

 D2FFF7

 EBFFFC

FFFFFF

Harmonies

Analogous

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



93F9A2



1FFFD8



00FFFF

Triad

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



1FFFD8



DAD8FF



FFC989

Complementary

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



1FFFD8



FF1F46

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.



FFB9B7



1FFFD8



FFC3FF

Square

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



1FFFD8



71EBFF



FFB6EE



FFDD72

Rectangle

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



1FFFD8



00FCFF



FFB6EE



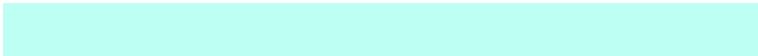
FFC397

Sweetspot

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



1FFFD8



BDFFF3



48FF1F



588079



000000



808080

Same Dimension

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



1FFFD8



00FFD3



1FB8FF



73807D



00BF9E



004035

Inverse Universe

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



FF1F46



FF002C



FF661F



807375



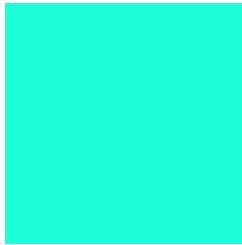
BF0021



40000B

Previews

White Background



This preview shows how the Hex color 1FFFD8 looks on a white background.

Color Contrast Check

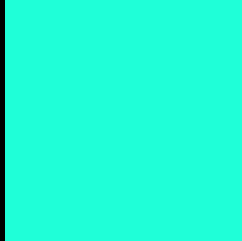
Large Text (above 18pt) WCAG AA × Fail

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 1FFFD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

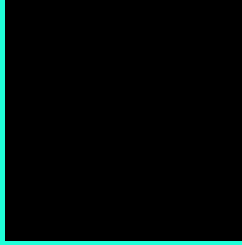
Any Text WCAG AA ✓ Pass

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 1FFFD8 Background



This preview shows how black text looks on a background with the Hex color 1FFFD8.

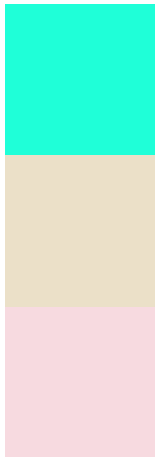


This preview shows how white text looks on a background with the Hex color 1FFFD8.

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](#).

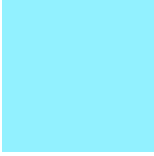
Dichromacy



Original Color
1FFFD8

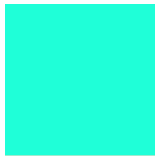
Protanopia
EBE0C8

Deuteranopia
F7DAE0

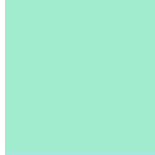


Tritanopia
92F1FF

Trichromacy



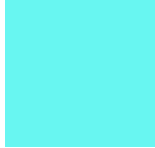
Original Color
1FFFD8



Protanomaly
A1EBCE



Deuteranomaly
A8E7DD

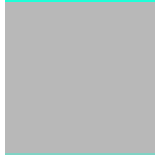


Tritanomaly
68F6F1

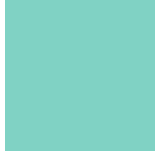
Monochromacy



Original Color
1FFFD8



Achromatopsia
B8B8B8



Achromatomaly
80D2C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FFFD8 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 #1FFFD8 looks like.

```
.text, #text, p{  
    color:#1FFFD8  
}
```

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 #1FFFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FFFD8
}
```

Border

The CSS property to change the border of an element to Hex 1FFFD8 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
#1FFFD8 }
```

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

```
.border{ border-color:#1FFFD8 }
```

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

Here you see how a box with a 4 pixel #1FFFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FFFD8; -webkit-box-shadow:4px 4px  
4px 4px #1FFFD8; box-shadow:4px 4px 4px  
4px #1FFFD8 }
```

Background

The CSS property to change the background color of an element to Hex 1FFFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FFFD8 }
```

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

```
.background{ background-color:#1FFFD8 }
```

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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