

Converting Colors

Hex(00F7DF)

Have a look what the booklet for
Hex(00F7DF) contains.

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Color

Hex(00F7DF)

Conversions

Conversions Part 1

Format	Color
Hex	00F7DF
RGB	0, 247, 223
RGB Percent	0%, 97%, 87%
CMY	1.0000, 0.0314, 0.1255
CMYK	1.00, 0.00, 0.10, 0.03
HSL	174°, 100%, 48%
HSV	174°, 100%, 97%
XYZ	46.5800, 71.8492, 81.2253
YIQ	170.4110, -139.5080, -59.8280

Conversions

Conversions Part 2

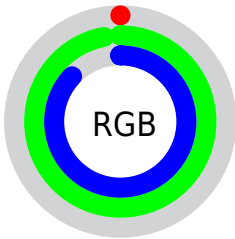
Format	Color
RYB	0, 130, 247
Decimal	63455
CIELab	87.90, -53.62, -2.26
CIELCh	88, 53.668, 182.410
Yxy	71.8492, 0.2333, 0.3599
Android (android.graphics.Color)	4278253535 (0xFF00F7DF)
YUV	170.4110, 25.9264, -149.4504
Hunter-Lab	84.7639, -50.2464, 2.5199

Details

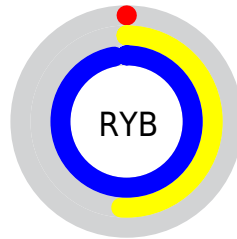
The Hex color **00F7DF** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F70018**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **75FFFF**, and **00BEA8** is the 20% darker color. If you saturate the color by 10%, you get **00F7DF**, and if you desaturate by 10%, it is **19F7E1**.

Distribution



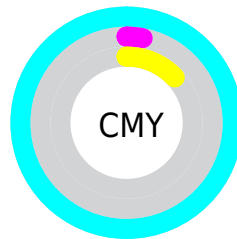
- Red (0%)
- Green (97%)
- Blue (87%)



- Red (0%)
- Yellow (51%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F7DF 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 00F7DF by changing the saturation by 10% instead.

 00F7DF

 00F7DF

FFFFFF

 00DAC3

 75FFFF

 00BEA8

 98FFFF

 00A28E

 B9FFFF

 008774

 D9FFFF

 006C5C

 FAFFFF

 005344

 003A2E

 00231A

 000000

 00F7DF

 19F7E1

 31F7E4

 4AF7E6

 63F7E9

 7CF7EB

 94F7ED

 ADF7F0

 C6F7F2

 DEF7F5

Harmonies

Analogous

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



83F3AB



00F7DF



00F6FF

Triad

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



00F7DF



E7CEFF



FFC983

Complementary

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



00F7DF



F70018

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.



FFB9A8



00F7DF



FFBCFF

Square

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



00F7DF



92E0FF



FFB3DA



F8DB74

Rectangle

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



00F7DF



00F1FF



FFB3DA



FFC38D

Sweetspot

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



00F7DF



B3FFF8



19F700



52807B



000000



808080

Same Dimension

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



00F7DF



00FFE6



0094F7



6E7A79



00BAA8



003B35

Inverse Universe

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



F70018



FF0019



F76300



7A6E6F



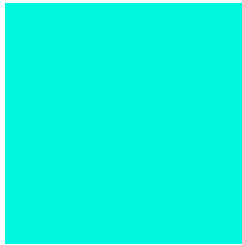
BA0012



3B0006

Previews

White Background



This preview shows how the Hex color 00F7DF looks on a white background.

Color Contrast Check

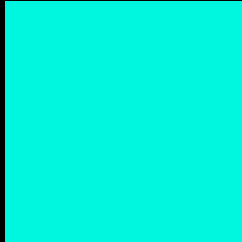
Large Text (above 18pt) WCAG AA × Fail

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 00F7DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

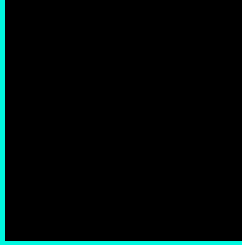
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

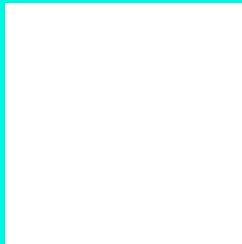
Any Text WCAG AAA ✓ Pass

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

Hex 00F7DF Background



This preview shows how black text looks on a background with the Hex color 00F7DF.

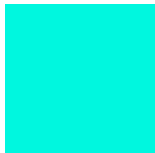


This preview shows how white text looks on a background with the Hex color 00F7DF.

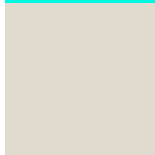
Color Blindness Simulation

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](#).

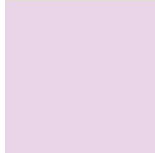
Dichromacy



Original Color
00F7DF



Protanopia
E1DACE



Deuteranopia
EAD4E7

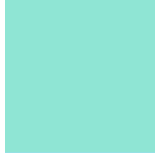


Tritanopia
6BEEFF

Trichromacy



Original Color
00F7DF



Protanomaly
8FE5D4



Deuteranomaly
95E1E4

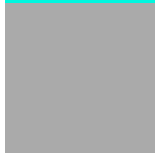


Tritanomaly
44F1F3

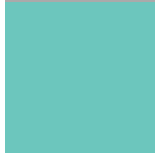
Monochromacy



Original Color
00F7DF



Achromatopsia
AAAAAA



Achromatomaly
6CC6BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F7DF 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 #00F7DF looks like.

```
.text, #text, p{  
    color:#00F7DF  
}
```

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 #00F7DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F7DF
}
```

Border

The CSS property to change the border of an element to Hex 00F7DF 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
#00F7DF }
```

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

```
.border{ border-color:#00F7DF }
```

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

Here you see how a box with a 4 pixel #00F7DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F7DF; -webkit-box-shadow:4px 4px  
4px 4px #00F7DF; box-shadow:4px 4px 4px  
4px #00F7DF }
```

Background

The CSS property to change the background color of an element to Hex 00F7DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F7DF }
```

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

```
.background{ background-color:#00F7DF }
```

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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