

Converting Colors

Hex(00F2DD)

Have a look what the booklet for
Hex(00F2DD) contains.

Hex(00F2DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00F2DD)

Conversions

Conversions Part 1

Format	Color
Hex	00F2DD
RGB	0, 242, 221
RGB Percent	0%, 95%, 87%
CMY	1.0000, 0.0510, 0.1333
CMYK	1.00, 0.00, 0.09, 0.05
HSL	175°, 100%, 47%
HSV	175°, 100%, 95%
XYZ	44.8033, 68.7247, 79.3104
YIQ	167.2480, -137.4910, -57.8350

Conversions

Conversions Part 2

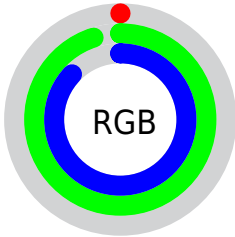
Format	Color
RYB	0, 126, 242
Decimal	62173
CIELab	86.37, -52.11, -3.45
CIELCh	86, 52.225, 183.793
Yxy	68.7247, 0.2323, 0.3564
Android (android.graphics.Color)	4278252253 (0xFF00F2DD)
YUV	167.2480, 26.4997, -146.6765
Hunter-Lab	82.9004, -48.6058, 1.3078

Details

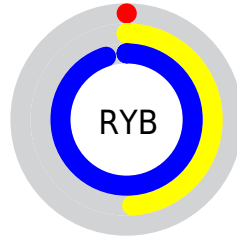
The Hex color **00F2DD** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F20015**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **73FFFF**, and **00B9A6** is the 20% darker color. If you saturate the color by 10%, you get **00F2DD**, and if you desaturate by 10%, it is **18F2DF**.

Distribution



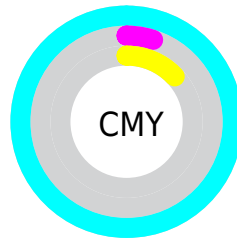
- Red (0%)
- Green (95%)
- Blue (87%)



- Red (0%)
- Yellow (49%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F2DD 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 00F2DD by changing the saturation by 10% instead.

 00F2DD

 00F2DD

FFFFFF

 00D5C1

 73FFFF

 00B9A6

 96FFFF

 009D8C

 B7FFFF

 008272


 D8FFFF

 00685A

 F8FFFF

 004F43

 00372D

 001F18

 000000

 00F2DD

 18F2DF

 30F2E1

 49F2E3

 61F2E5

 79F2E7

 91F2EA

 A9F2EC

 C2F2EE

 DAF2F0

Harmonies

Analogous

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



7EEEAB



00F2DD



00F0FF

Triad

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



00F2DD



E5C9FF



FFC680

Complementary

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



00F2DD



F20015

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.



FFB6A4



00F2DD



FFB8FF

Square

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



00F2DD



95DBFF



FFB0D4



F1D773

Rectangle

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



00F2DD



00ECFF



FFB0D4



FFC08A

Sweetspot

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



00F2DD



B3FFF8



18F200



52807C



000000



808080

Same Dimension

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



00F2DD



00FFE9



0091F2



6C7877



00B8A8



003833

Inverse Universe

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



F20015



FF0016



F26100



786C6D



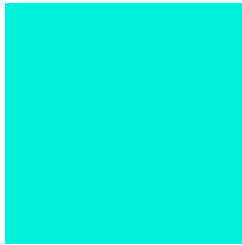
B80010



380005

Previews

White Background



This preview shows how the Hex color 00F2DD looks on a white background.

Color Contrast Check

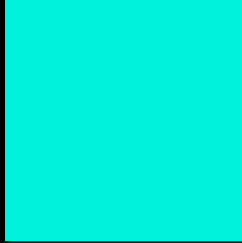
Large Text (above 18pt) WCAG AA × Fail

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 00F2DD 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

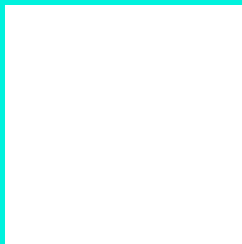
Any Text WCAG AAA ✓ Pass

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

Hex 00F2DD Background



This preview shows how black text looks on a background with the Hex color 00F2DD.

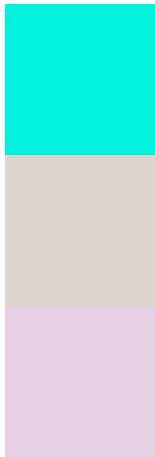


This preview shows how white text looks on a background with the Hex color 00F2DD.

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](#).

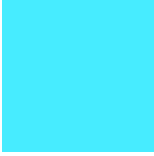
Dichromacy



Original Color
00F2DD

Protanopia
DCD5CD

Deuteranopia
E5D0E4

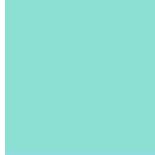


Tritanopia
47ECFF

Trichromacy



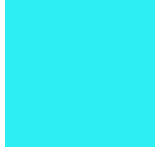
Original Color
00F2DD



Protanomaly
8CE0D3



Deuteranomaly
92DCE1

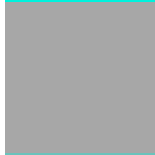


Tritanomaly
2DEEF3

Monochromacy



Original Color
00F2DD



Achromatopsia
A7A7A7



Achromatomaly
6AC2BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F2DD 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 #00F2DD looks like.

```
.text, #text, p{  
    color:#00F2DD  
}
```

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 #00F2DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F2DD
}
```

Border

The CSS property to change the border of an element to Hex 00F2DD 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
#00F2DD }
```

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

```
.border{ border-color:#00F2DD }
```

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

Here you see how a box with a 4 pixel #00F2DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F2DD; -webkit-box-shadow:4px 4px  
4px 4px #00F2DD; box-shadow:4px 4px 4px  
4px #00F2DD }
```

Background

The CSS property to change the background color of an element to Hex 00F2DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F2DD }
```

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

```
.background{ background-color:#00F2DD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor