

Converting Colors

Hex(00F7D6)

Have a look what the booklet for
Hex(00F7D6) contains.

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Color

Hex(00F7D6)

Conversions

Conversions Part 1

Format	Color
Hex	00F7D6
RGB	0, 247, 214
RGB Percent	0%, 97%, 84%
CMY	1.0000, 0.0314, 0.1608
CMYK	1.00, 0.00, 0.13, 0.03
HSL	172°, 100%, 48%
HSV	172°, 100%, 97%
XYZ	45.3984, 71.3766, 75.0026
YIQ	169.3850, -136.6190, -62.6270

Conversions

Conversions Part 2

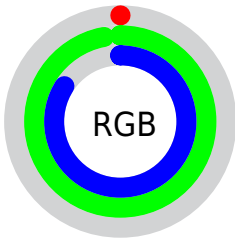
Format	Color
RYB	0, 132, 247
Decimal	63446
CIELab	87.67, -56.00, 2.11
CIELCh	88, 56.038, 177.847
Yxy	71.3766, 0.2367, 0.3722
Android (android.graphics.Color)	4278253526 (0xFF00F7D6)
YUV	169.3850, 21.9952, -148.5506
Hunter-Lab	84.4847, -51.9300, 6.5036

Details

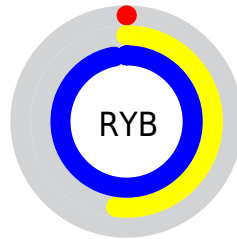
The Hex color **00F7D6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F70021**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **74FFFF**, and **00BD9F** is the 20% darker color. If you saturate the color by 10%, you get **00F7D6**, and if you desaturate by 10%, it is **19F7D9**.

Distribution



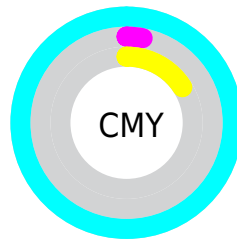
- Red (0%)
- Green (97%)
- Blue (84%)



- Red (0%)
- Yellow (52%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F7D6 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 00F7D6 by changing the saturation by 10% instead.

 00F7D6

 00F7D6

FFFFFF

 00DABA

 74FFFF

 00BD9F

 97FFFF

 00A285

 B8FFFF

 00876C

 D8FFFF

 006C54

 F8FFFF

 00523D

 003A27

 002213

 000000

 00F7D6

 19F7D9

 31F7DD

 4AF7E0

 63F7E3

 7CF7E7

 94F7EA

 ADF7ED

 C6F7F0

 DEF7F4

Harmonies

Analogous

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



89F2A1



00F7D6



00F6FF

Triad

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



00F7D6



DACFF



FFC483

Complementary

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



00F7D6



F70021

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.



FFB4AD



00F7D6



FFBCFF

Square

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



00F7D6



79E2FF



FFB0E2



FFD76F

Rectangle

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



00F7D6



00F3FF



FFB0E2



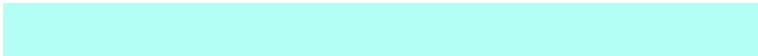
FFBE8F

Sweetspot

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



00F7D6



B3FFF5



25F700



528079



000000



808080

Same Dimension

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



00F7D6



00FFDD



00A1F7



6E7A79



00BAA1



003B33

Inverse Universe

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



F70021



FF0022



F75600



7A6E70



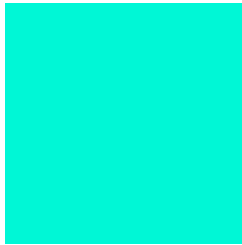
BA0019



3B0008

Previews

White Background



This preview shows how the Hex color 00F7D6 looks on a white background.

Color Contrast Check

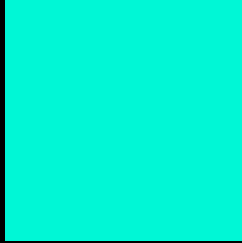
Large Text (above 18pt) WCAG AA × Fail

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 00F7D6 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 00F7D6 Background



This preview shows how black text looks on a background with the Hex color 00F7D6.

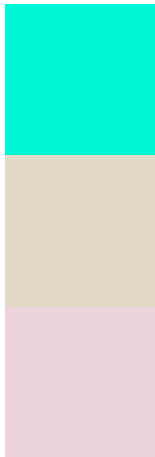


This preview shows how white text looks on a background with the Hex color 00F7D6.

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](#).

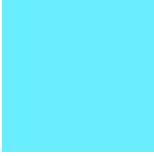
Dichromacy



Original Color
00F7D6

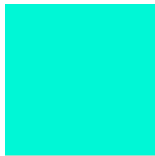
Protanopia
E2D9C6

Deuteranopia
EDD3DE

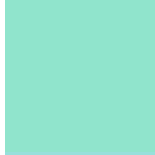


Tritanopia
68EEFF

Trichromacy



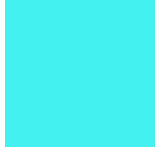
Original Color
00F7D6



Protanomaly
90E4CC



Deuteranomaly
97E0DB

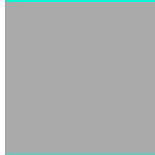


Tritanomaly
42F1F0

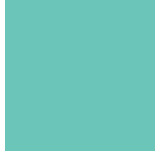
Monochromacy



Original Color
00F7D6



Achromatopsia
A9A9A9



Achromatomaly
6CC5B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F7D6 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 #00F7D6 looks like.

```
.text, #text, p{  
    color:#00F7D6  
}
```

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 #00F7D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F7D6
}
```

Border

The CSS property to change the border of an element to Hex 00F7D6 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
#00F7D6 }
```

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

```
.border{ border-color:#00F7D6 }
```

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

Here you see how a box with a 4 pixel #00F7D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F7D6; -webkit-box-shadow:4px 4px  
4px 4px #00F7D6; box-shadow:4px 4px 4px  
4px #00F7D6 }
```

Background

The CSS property to change the background color of an element to Hex 00F7D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F7D6 }
```

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

```
.background{ background-color:#00F7D6 }
```

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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