

Converting Colors

Hex(0DDFD0)

Have a look what the booklet for
Hex(0DDFD0) contains.

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Color

Hex(0DDFD0)

Conversions

Conversions Part 1

Format	Color
Hex	0DDFD0
RGB	13, 223, 208
RGB Percent	5%, 87%, 82%
CMY	0.9490, 0.1255, 0.1843
CMYK	0.94, 0.00, 0.07, 0.13
HSL	176°, 89%, 46%
HSV	176°, 94%, 87%
XYZ	37.9388, 57.4150, 68.7571
YIQ	158.5000, -120.3450, -49.1850

Conversions

Conversions Part 2

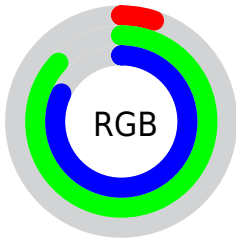
Format	Color
RYB	13, 122, 223
Decimal	909264
CIELab	80.41, -47.43, -5.36
CIElCh	80, 47.728, 186.446
Yxy	57.4150, 0.2312, 0.3499
Android (android.graphics.Color)	4279099344 (0xFF0DDFD0)
YUV	158.5000, 24.4035, -127.6035
Hunter-Lab	75.7727, -43.2285, -0.7597

Details

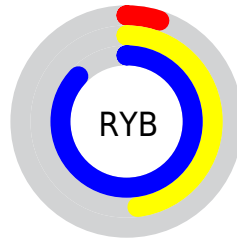
The Hex color **0DDFD0** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DF0D1C**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **71FFFF**, and **00A79A** is the 20% darker color. If you saturate the color by 10%, you get **00DFCF**, and if you desaturate by 10%, it is **23DFD2**.

Distribution



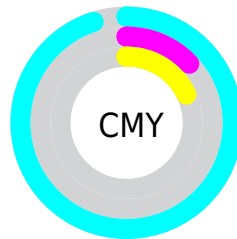
- Red (5%)
- Green (87%)
- Blue (82%)



- Red (5%)
- Yellow (48%)
- Blue (87%)



- Cyan (94%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (95%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DDFD0 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 0DDFD0 by changing the saturation by 10% instead.

 0DDFD0

 0DDFD0

FFFFFF

 00C3B4

 71FFFF

 00A79A

 92FFFF

 008C80

 B2FFFF

 007167

 D2FFFF

 00584F

 F2FFFF

 003F38

 002A23

 00030E

 000000

 0DDFD0

 0DDFD0

 00DFCF

 23DFD2

 3ADFD3

 50DFD5

 66DFD6

 7DDFD8

 93DFDA

 A9DFDB

 BDFDDE

 D6DFDE

Harmonies

Analogous

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



72DCA2



0DDFD0



00DDFB

Triad

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



0DDFD0



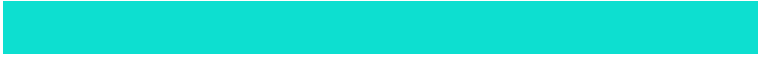
D9B8FF



FFB976

Complementary

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



0DDFD0



DF0D1C

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.



FFAA95



0DDFD0



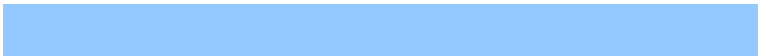
FFA9EC

Square

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



0DDFD0



93C9FF



FFA4BF



DAC86D

Rectangle

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



0DDFD0



00D9FF



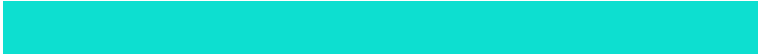
FFA4BF



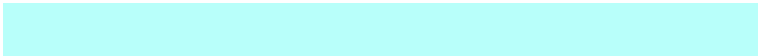
FFB37E

Sweetspot

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



0DDFD0



B8FFFA



1FDF0D



54807C



000000



808080

Same Dimension

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



0DDFD0



00FFED



0D88DF



65706F



00B0A3



00302D

Inverse Universe

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



DF0D1C



FF0012



DF650D



706566



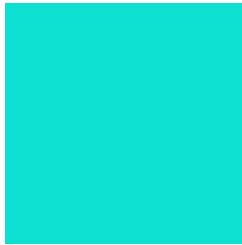
B0000D



300003

Previews

White Background



This preview shows how the Hex color 0DDFD0 looks on a white background.

Color Contrast Check

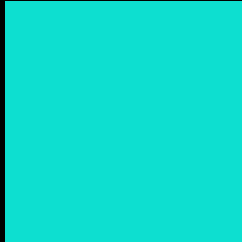
Large Text (above 18pt) WCAG AA × Fail

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 0DDFD0 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

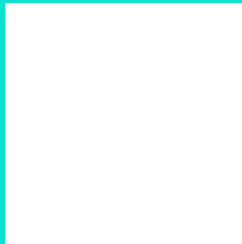
Any Text WCAG AAA ✓ Pass

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

Hex 0DDFD0 Background



This preview shows how black text looks on a background with the Hex color 0DDFD0.

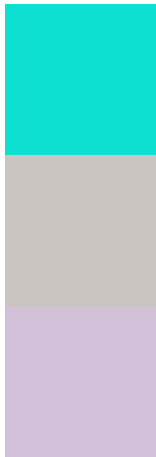


This preview shows how white text looks on a background with the Hex color 0DDFD0.

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](#).

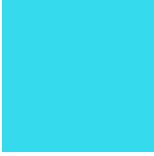
Dichromacy



Original Color
0DDFD0

Protanopia
CAC5C1

Deuteranopia
D1C0D7



Tritanopia
35DBED

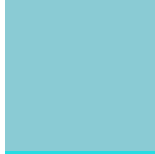
Trichromacy



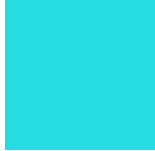
Original Color
0DDFD0



Protanomaly
85CEC6



Deuteranomaly
8ACBD4

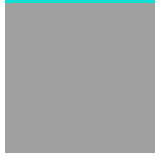


Tritanomaly
26DCE2

Monochromacy



Original Color
0DDFD0



Achromatopsia
9F9F9F



Achromatomaly
6AB6B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DDFD0 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 #0DDFD0 looks like.

```
.text, #text, p{  
    color:#0DDFD0  
}
```

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 #0DDFD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DDFD0  
}
```

Border

The CSS property to change the border of an element to Hex 0DDFD0 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  
#0DDFD0 }
```

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

```
.border{ border-color:#0DDFD0 }
```

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

Here you see how a box with a 4 pixel #0DDFD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DDFD0; -webkit-box-shadow:4px 4px  
4px 4px #0DDFD0; box-shadow:4px 4px 4px  
4px #0DDFD0 }
```

Background

The CSS property to change the background color of an element to Hex 0DDFD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DDFD0 }
```

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

```
.background{ background-color:#0DDFD0 }
```

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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