

Converting Colors

Hex(00D7DB)

Have a look what the booklet for
Hex(00D7DB) contains.

Hex(00D7DB)	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(00D7DB)

Conversions

Conversions Part 1

Format	Color
Hex	00D7DB
RGB	0, 215, 219
RGB Percent	0%, 84%, 86%
CMY	1.0000, 0.1569, 0.1412
CMYK	1.00, 0.02, 0.00, 0.14
HSL	181°, 100%, 43%
HSV	181°, 100%, 86%
XYZ	37.0866, 53.7154, 75.4313
YIQ	151.1710, -129.4240, -44.3360

Conversions

Conversions Part 2

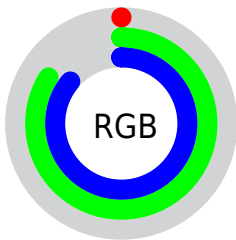
Format	Color
RYB	0, 108, 219
Decimal	55259
CIELab	78.30, -41.08, -14.39
CIELCh	78, 43.526, 199.305
Yxy	53.7154, 0.2231, 0.3231
Android (android.graphics.Color)	4278245339 (0xFF00D7DB)
YUV	151.1710, 33.4397, -132.5770
Hunter-Lab	73.2908, -37.9342, -9.7181

Details

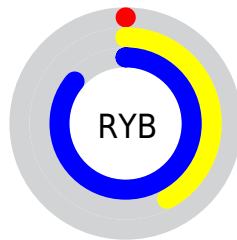
The Hex color **00D7DB** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DB0400**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6EFFFF**, and **009FA4** is the 20% darker color. If you saturate the color by 10%, you get **00D7DB**, and if you desaturate by 10%, it is **16D7DB**.

Distribution



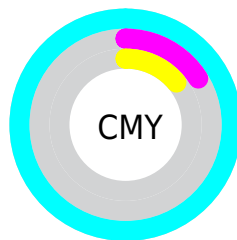
- Red (0%)
- Green (84%)
- Blue (86%)



- Red (0%)
- Yellow (42%)
- Blue (86%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D7DB 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 00D7DB by changing the saturation by 10% instead.

 00D7DB

FFFFFF

 6EFFFF

 90FFFF

 B1FFFF

 D0FFFF

 F0FFFF

 00D7DB

 00BBBF

 009FA4


 00858A

 006B70

 005258

 003A41

 00252B

 000117

 000000

 00D7DB

 16D7DB

 2CD8DB

 42D8DB

 58D9DB

 6ED9DB

 83D9DB

 99DADB

 AFDADB

 C5DBDB

Harmonies

Analogous

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



5DD6B1



00D7DB



00D3FE

Triad

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



00D7DB



E6AEF7



E9BA72

Complementary

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



00D7DB



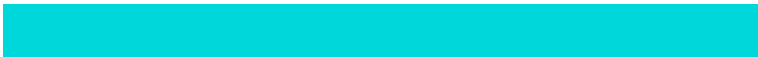
DB0400

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.



FFAC86



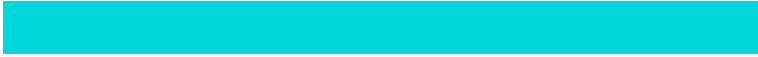
00D7DB



FFA3D2

Square

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



00D7DB



B1BDFE



FFA3A9



C2C774

Rectangle

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



00D7DB



4FCEFF



FFA3A9



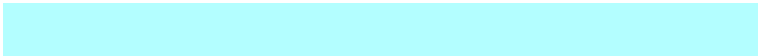
F4B576

Sweetspot

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



00D7DB



B3FEFF



00DB04



527F80



000000



808080

Same Dimension

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



00D7DB



00FAFF



006ADB



636D6E



00AAAD



002D2E

Inverse Universe

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



DB00D7



FF00FA



DB7100



6E636D



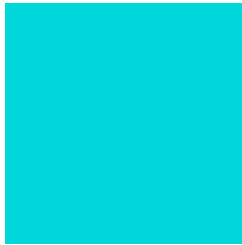
AD00AA



2E002D

Previews

White Background



This preview shows how the Hex color 00D7DB 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 00D7DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

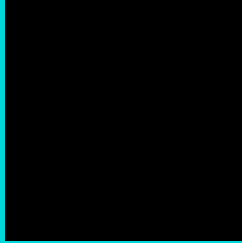
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

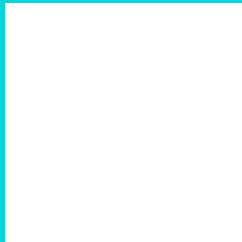
Any Text WCAG AAA ✓ Pass

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

Hex 00D7DB Background



This preview shows how black text looks on a background with the Hex color 00D7DB.

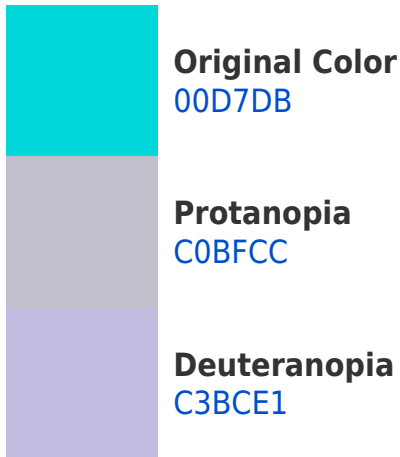


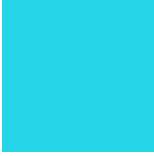
This preview shows how white text looks on a background with the Hex color 00D7DB.

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





Tritanopia
23D5E7

Trichromacy



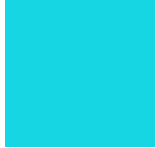
Original Color
00D7DB



Protanomaly
7AC8D1



Deuteranomaly
7CC6DF



Tritanomaly
16D6E3

Monochromacy



Original Color
00D7DB



Achromatopsia
979797



Achromatomaly
60AEB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D7DB 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 #00D7DB looks like.

```
.text, #text, p{  
    color:#00D7DB  
}
```

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 #00D7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D7DB
}
```

Border

The CSS property to change the border of an element to Hex 00D7DB 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
#00D7DB }
```

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

```
.border{ border-color:#00D7DB }
```

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

Here you see how a box with a 4 pixel #00D7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D7DB; -webkit-box-shadow:4px 4px  
4px 4px #00D7DB; box-shadow:4px 4px 4px  
4px #00D7DB }
```

Background

The CSS property to change the background color of an element to Hex 00D7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D7DB }
```

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

```
.background{ background-color:#00D7DB }
```

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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