

Converting Colors

Hex(00D1DB)

Have a look what the booklet for
Hex(00D1DB) contains.

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Color

Hex(00D1DB)

Conversions

Conversions Part 1

Format	Color
Hex	00D1DB
RGB	0, 209, 219
RGB Percent	0%, 82%, 86%
CMY	1.0000, 0.1804, 0.1412
CMYK	1.00, 0.05, 0.00, 0.14
HSL	183°, 100%, 43%
HSV	183°, 100%, 86%
XYZ	35.5866, 50.7154, 74.9313
YIQ	147.6490, -127.7740, -41.1980

Conversions

Conversions Part 2

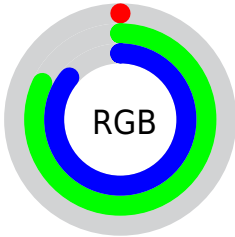
Format	Color
RYB	0, 107, 219
Decimal	53723
CIELab	76.51, -38.36, -17.08
CIELCh	77, 41.992, 204.004
Yxy	50.7154, 0.2207, 0.3145
Android (android.graphics.Color)	4278243803 (0xFF00D1DB)
YUV	147.6490, 35.1760, -129.4882
Hunter-Lab	71.2147, -35.4278, -12.5339

Details

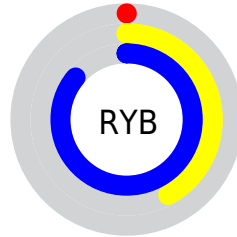
The Hex color **00D1DB** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DB0A00**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6DFFFF**, and **009AA4** is the 20% darker color. If you saturate the color by 10%, you get **00D1DB**, and if you desaturate by 10%, it is **16D2DB**.

Distribution



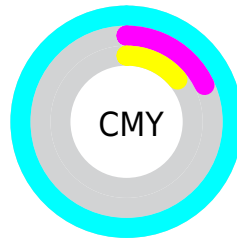
- Red (0%)
- Green (82%)
- Blue (86%)



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



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D1DB 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 00D1DB by changing the saturation by 10% instead.

 00D1DB

 00D1DB

FFFFFF

 00B5BF

 6DFFFF

 009AA4

 8FFFFFFF

 007F8A

 AFFFFFFF

 006670

 CFFFFFFF

 004D58

 EFFFFFFF

 003541

 00202A

 000116

 000000

 00D1DB

 16D2DB

 2CD3DB

 42D4DB

 58D5DB

 6ED6DB

 83D7DB

 99D8DB

 AFD9DB

 C5DADB

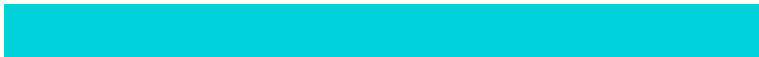
Harmonies

Analogous

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



54D1B3



00D1DB



25CCFB

Triad

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



00D1DB



E6A8EB



DDB86F

Complementary

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



00D1DB



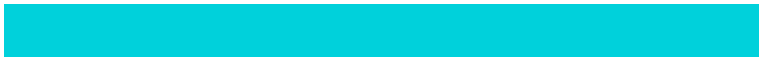
DB0A00

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.



FAAA7F



00D1DB



FF9FC6

Square

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



00D1DB



B6B6FF



FFA09F



B6C474

Rectangle

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



00D1DB



5DC7FF



FFA09F



E8B372

Sweetspot

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



00D1DB



B3FCFF



00DB07



527D80



000000



808080

Same Dimension

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



00D1DB



00F3FF



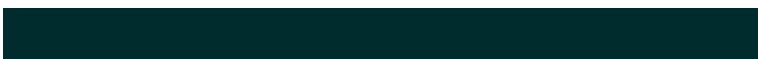
0066DB



636D6E



00A5AD



002C2E

Inverse Universe

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



DB00D1



FF00F3



DB7500



6E636D



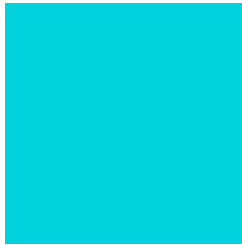
AD00A5



2E002C

Previews

White Background



This preview shows how the Hex color 00D1DB 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 00D1DB 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 00D1DB Background



This preview shows how black text looks on a background with the Hex color 00D1DB.

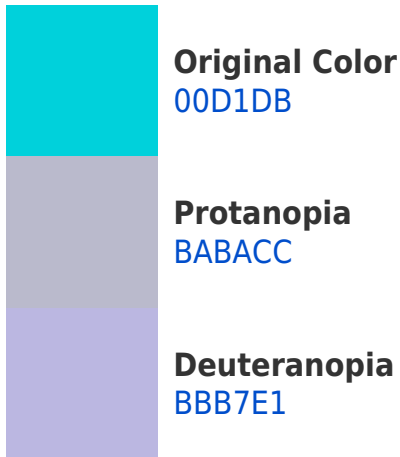


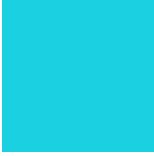
This preview shows how white text looks on a background with the Hex color 00D1DB.

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



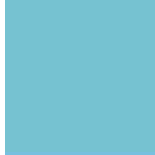


Tritanopia
1AD0E1

Trichromacy



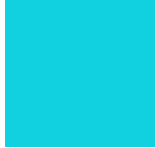
Original Color
00D1DB



Protanomaly
76C2D1



Deuteranomaly
77C0DF



Tritanomaly
11D0DF

Monochromacy



Original Color
00D1DB



Achromatopsia
949494



Achromatomaly
5EAAAE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D1DB 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 #00D1DB looks like.

```
.text, #text, p{  
    color:#00D1DB  
}
```

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 #00D1DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D1DB  
}
```

Border

The CSS property to change the border of an element to Hex 00D1DB 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  
#00D1DB }
```

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

```
.border{ border-color:#00D1DB }
```

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

Here you see how a box with a 4 pixel #00D1DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D1DB; -webkit-box-shadow:4px 4px  
4px 4px #00D1DB; box-shadow:4px 4px 4px  
4px #00D1DB }
```

Background

The CSS property to change the background color of an element to Hex 00D1DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D1DB }
```

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

```
.background{ background-color:#00D1DB }
```

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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