

Converting Colors

Hex(00D2DC)

Have a look what the booklet for
Hex(00D2DC) contains.

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Color

Hex(00D2DC)

Conversions

Conversions Part 1

Format	Color
Hex	00D2DC
RGB	0, 210, 220
RGB Percent	0%, 82%, 86%
CMY	1.0000, 0.1765, 0.1373
CMYK	1.00, 0.05, 0.00, 0.14
HSL	183°, 100%, 43%
HSV	183°, 100%, 86%
XYZ	35.9649, 51.2605, 75.7089
YIQ	148.3500, -128.3700, -41.4100

Conversions

Conversions Part 2

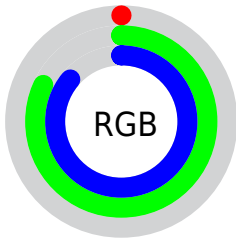
Format	Color
RYB	0, 107, 220
Decimal	53980
CIELab	76.84, -38.51, -17.12
CIELCh	77, 42.146, 203.969
Yxy	51.2605, 0.2207, 0.3146
Android (android.graphics.Color)	4278244060 (0xFF00D2DC)
YUV	148.3500, 35.3235, -130.1029
Hunter-Lab	71.5964, -35.6283, -12.5781

Details

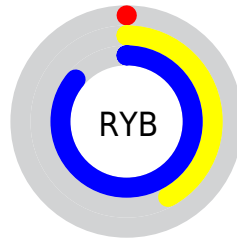
The Hex color **00D2DC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DC0A00**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6EFFFF**, and **009BA5** is the 20% darker color. If you saturate the color by 10%, you get **00D2DC**, and if you desaturate by 10%, it is **16D3DC**.

Distribution



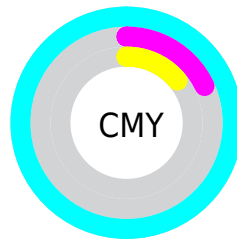
- Red (0%)
- Green (82%)
- Blue (86%)



- 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 00D2DC 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 00D2DC by changing the saturation by 10% instead.

 00D2DC

 00D2DC

FFFFFF

 00B6C0

 6EFFFF

 009BA5

 8FFFFFF

 00808B

 B0FFFF

 006771

 D0FFFF

 004E59

 EFFFFFF

 003641

 00212B

 000117

 000000

 00D2DC

 16D3DC

 2CD4DC

 42D5DC

 58D6DC

 6ED7DC

 84D8DC

 9AD9DC

 B0DADC

 C6DBDC

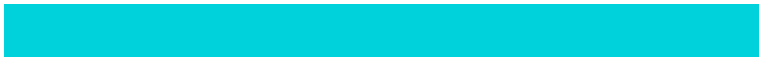
Harmonies

Analogous

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



54D2B4



00D2DC



25CDFC

Triad

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



00D2DC



E7A8EC



DEB970

Complementary

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



00D2DC



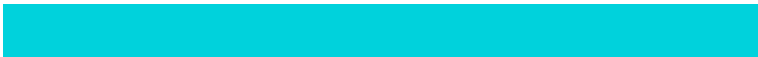
DC0A00

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.



FBAB80



00D2DC



FFA0C7

Square

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



00D2DC



B7B6FF



FFA1A0



B7C575

Rectangle

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



00D2DC



5DC8FF



FFA1A0



E9B473

Sweetspot

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



00D2DC



B3FCFF



00DC07



527D80



000000



808080

Same Dimension

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



00D2DC



00F3FF



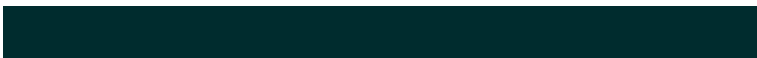
0067DC



636D6E



00A6AD



002C2E

Inverse Universe

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



DC00D2



FF00F3



DC7500



6E636D



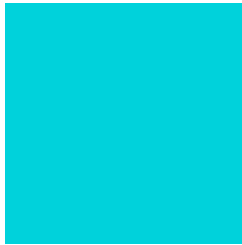
AD00A6



2E002C

Previews

White Background



This preview shows how the Hex color 00D2DC looks on a white background.

Color Contrast Check

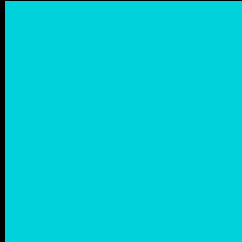
Large Text (above 18pt) WCAG AA × Fail

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 00D2DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

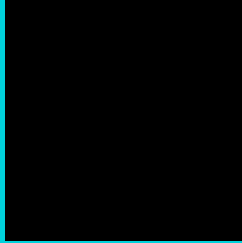
Any Text WCAG AA ✓ Pass

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 00D2DC Background



This preview shows how black text looks on a background with the Hex color 00D2DC.



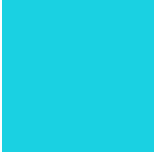
This preview shows how white text looks on a background with the Hex color 00D2DC.

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
1AD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00D2DC 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 #00D2DC looks like.

```
.text, #text, p{  
    color:#00D2DC  
}
```

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 #00D2DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D2DC
}
```

Border

The CSS property to change the border of an element to Hex 00D2DC 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
#00D2DC }
```

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

```
.border{ border-color:#00D2DC }
```

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

Here you see how a box with a 4 pixel #00D2DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D2DC; -webkit-box-shadow:4px 4px  
4px 4px #00D2DC; box-shadow:4px 4px 4px  
4px #00D2DC }
```

Background

The CSS property to change the background color of an element to Hex 00D2DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D2DC }
```

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

```
.background{ background-color:#00D2DC }
```

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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