

Converting Colors

Hex(00D0CC)

Have a look what the booklet for
Hex(00D0CC) contains.

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Color

Hex(00D0CC)

Conversions

Conversions Part 1

Format	Color
Hex	00D0CC
RGB	0, 208, 204
RGB Percent	0%, 82%, 80%
CMY	1.0000, 0.1843, 0.2000
CMYK	1.00, 0.00, 0.02, 0.18
HSL	179°, 100%, 41%
HSV	179°, 100%, 82%
XYZ	33.4550, 49.4714, 64.9124
YIQ	145.3520, -122.6840, -45.3400

Conversions

Conversions Part 2

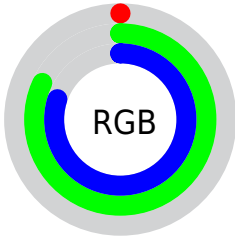
Format	Color
RYB	0, 105, 208
Decimal	53452
CIELab	75.74, -42.42, -10.15
CIELCh	76, 43.614, 193.454
Yxy	49.4714, 0.2263, 0.3346
Android (android.graphics.Color)	4278243532 (0xFF00D0CC)
YUV	145.3520, 28.9135, -127.4737
Hunter-Lab	70.3359, -38.1851, -5.4831

Details

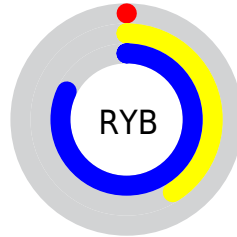
The Hex color **00D0CC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D00004**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6BFFFF**, and **009996** is the 20% darker color. If you saturate the color by 10%, you get **00D0CC**, and if you desaturate by 10%, it is **15D0CC**.

Distribution



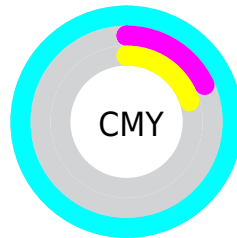
- Red (0%)
- Green (82%)
- Blue (80%)



- Red (0%)
- Yellow (41%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D0CC 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 00D0CC by changing the saturation by 10% instead.

 00D0CC

 00D0CC

FFFFFF

 00B4B1

 6BFFFF

 009996

 8DFFFF

 007E7C

 ADFFFF

 006463

 CCFFFF

 004C4B

 ECFFFF

 003435

 001D20

 000007

 000000

 00D0CC

 15D0CC

 2AD0CD

 3ED0CD

 53D0CE

 68D0CE

 7DD0CE

 92D0CF

 A6D0CF

 BBD0D0

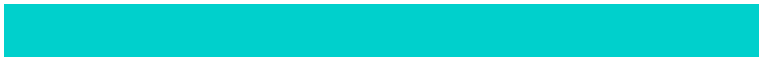
Harmonies

Analogous

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



61CEA2



00D0CC



00CDF1

Triad

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



00D0CC



D6A9F5



E8B16E

Complementary

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



00D0CC



D00004

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.



FFA385



00D0CC



FB9ED3

Square

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



00D0CC



9DB8FF



FF9BAA



C3BE6B

Rectangle

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



00D0CC



2FC8FF



FF9BAA



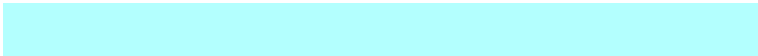
F2AC73

Sweetspot

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



00D0CC



B3FFFE



07D000



52807F



000000



808080

Same Dimension

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



00D0CC



00FFFA



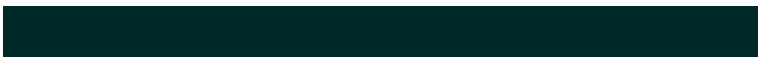
006FD0



5E6968



00A8A5



002928

Inverse Universe

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



D00004



FF0005



D06100



695E5E



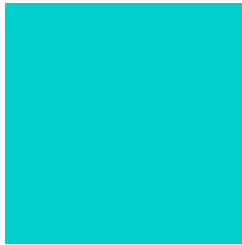
A80003



290001

Previews

White Background



This preview shows how the Hex color 00D0CC looks on a white background.

Color Contrast Check

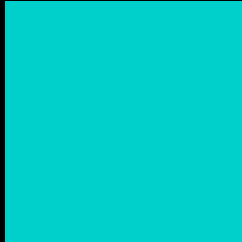
Large Text (above 18pt) WCAG AA × Fail

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 00D0CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

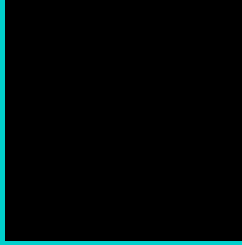
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

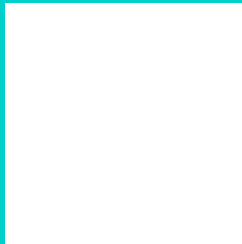
Any Text WCAG AAA ✓ Pass

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

Hex 00D0CC Background



This preview shows how black text looks on a background with the Hex color 00D0CC.



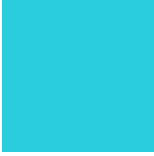
This preview shows how white text looks on a background with the Hex color 00D0CC.

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





Trichromacy



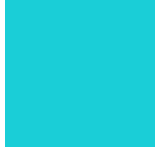
Original Color
00D0CC



Protanomaly
77C1C3



Deuteranomaly
7ABED0



Tritanomaly
1ACED7

Monochromacy



Original Color
00D0CC



Achromatopsia
919191



Achromatomaly
5CA8A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D0CC 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 #00D0CC looks like.

```
.text, #text, p{  
  color:#00D0CC  
}
```

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 #00D0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D0CC
}
```

Border

The CSS property to change the border of an element to Hex 00D0CC 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
#00D0CC }
```

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

```
.border{ border-color:#00D0CC }
```

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

Here you see how a box with a 4 pixel #00D0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D0CC; -webkit-box-shadow:4px 4px  
4px 4px #00D0CC; box-shadow:4px 4px 4px  
4px #00D0CC }
```

Background

The CSS property to change the background color of an element to Hex 00D0CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D0CC }
```

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

```
.background{ background-color:#00D0CC }
```

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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