

Converting Colors

Hex(00D6D3)

Have a look what the booklet for
Hex(00D6D3) contains.

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Color

Hex(00D6D3)

Conversions

Conversions Part 1

Format	Color
Hex	00D6D3
RGB	0, 214, 211
RGB Percent	0%, 84%, 83%
CMY	1.0000, 0.1608, 0.1725
CMYK	1.00, 0.00, 0.01, 0.16
HSL	179°, 100%, 42%
HSV	179°, 100%, 84%
XYZ	35.8044, 52.7963, 69.9316
YIQ	149.6720, -126.5810, -46.3010

Conversions

Conversions Part 2

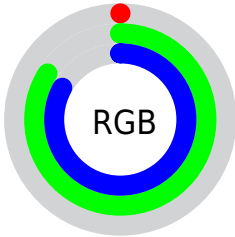
Format	Color
RYB	0, 108, 214
Decimal	54995
CIELab	77.75, -43.01, -10.91
CIELCh	78, 44.370, 194.237
Yxy	52.7963, 0.2258, 0.3330
Android (android.graphics.Color)	4278245075 (0xFF00D6D3)
YUV	149.6720, 30.2347, -131.2623
Hunter-Lab	72.6611, -39.1992, -6.2001

Details

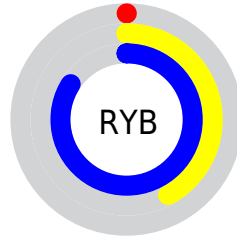
The Hex color **00D6D3** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D60003**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6DFFFF**, and **009E9D** is the 20% darker color. If you saturate the color by 10%, you get **00D6D3**, and if you desaturate by 10%, it is **15D6D3**.

Distribution



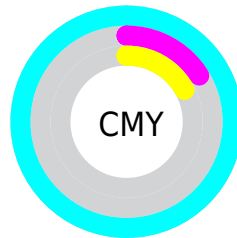
- Red (0%)
- Green (84%)
- Blue (83%)



- Red (0%)
- Yellow (42%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D6D3 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 00D6D3 by changing the saturation by 10% instead.

 00D6D3

 00D6D3

FFFFFF

 00BAB7

 6DFFFF

 009E9D

 8FFFFFF

 008483

 AFFFFFF

 006A69

 CFFFFFF

 005151

 EFFFFFF

 00383A

 002325

 000110

 000000

 00D6D3

 15D6D3

 2BD6D4

 40D6D4

 56D6D4

 6BD6D5

 80D6D5

 96D6D5

 ABD6D5

 C1D6D6

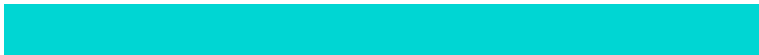
Harmonies

Analogous

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



63D4A8



00D6D3



00D3F8

Triad

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



00D6D3



DDAEFB



EDB671

Complementary

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



00D6D3



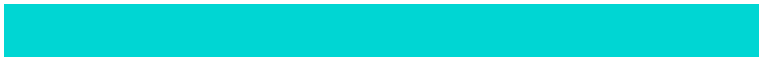
D60003

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.



FFA889



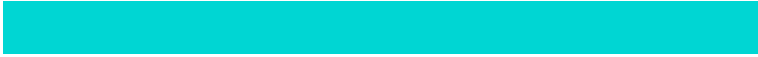
00D6D3



FFA2D8

Square

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



00D6D3



A3BEFF



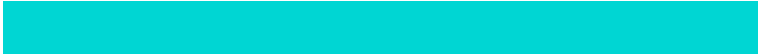
FFA0AE



C7C46F

Rectangle

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



00D6D3



36CEFF



FFA0AE



F8B177

Sweetspot

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



00D6D3



B3FFFE



04D600



52807F



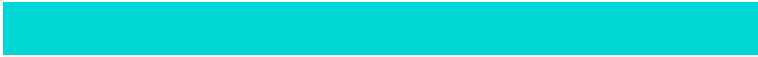
000000



808080

Same Dimension

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



00D6D3



00FFFB



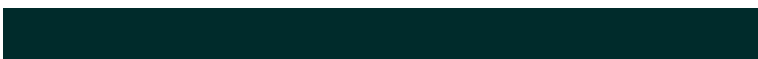
006FD6



606B6B



00ABA8



002B2B

Inverse Universe

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



D60003



FF0004



D66700



6B6061



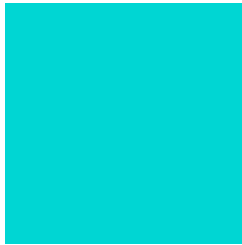
AB0002



2B0001

Previews

White Background



This preview shows how the Hex color 00D6D3 looks on a white background.

Color Contrast Check

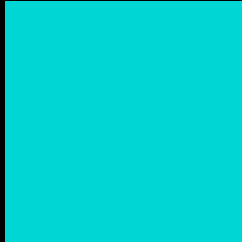
Large Text (above 18pt) WCAG AA × Fail

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 00D6D3 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

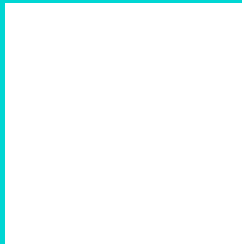
Any Text WCAG AAA ✓ Pass

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

Hex 00D6D3 Background



This preview shows how black text looks on a background with the Hex color 00D6D3.

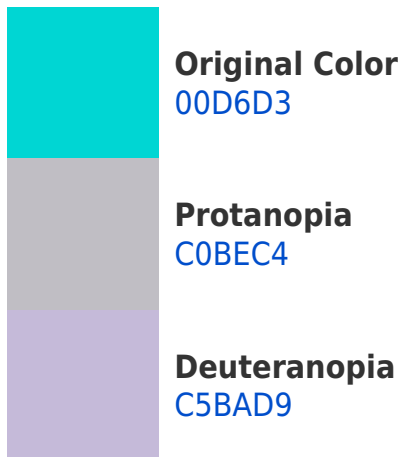


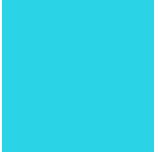
This preview shows how white text looks on a background with the Hex color 00D6D3.

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
2AD3E5

Trichromacy



Original Color
00D6D3



Protanomaly
7AC7C9



Deuteranomaly
7DC4D7

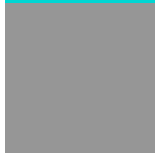


Tritanomaly
1BD4DE

Monochromacy



Original Color
00D6D3



Achromatopsia
969696



Achromatomaly
5FADAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D6D3 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 #00D6D3 looks like.

```
.text, #text, p{  
    color:#00D6D3  
}
```

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 #00D6D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D6D3
}
```

Border

The CSS property to change the border of an element to Hex 00D6D3 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
#00D6D3 }
```

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

```
.border{ border-color:#00D6D3 }
```

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

Here you see how a box with a 4 pixel #00D6D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D6D3; -webkit-box-shadow:4px 4px  
4px 4px #00D6D3; box-shadow:4px 4px 4px  
4px #00D6D3 }
```

Background

The CSS property to change the background color of an element to Hex 00D6D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D6D3 }
```

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

```
.background{ background-color:#00D6D3 }
```

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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