

Converting Colors

Hex(00D6AB)

Have a look what the booklet for
Hex(00D6AB) contains.

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Color

Hex(00D6AB)

Conversions

Conversions Part 1

Format	Color
Hex	00D6AB
RGB	0, 214, 171
RGB Percent	0%, 84%, 67%
CMY	1.0000, 0.1608, 0.3294
CMYK	1.00, 0.00, 0.20, 0.16
HSL	168°, 100%, 42%
HSV	168°, 100%, 84%
XYZ	31.3973, 51.0334, 46.7237
YIQ	145.1120, -113.7410, -58.7410

Conversions

Conversions Part 2

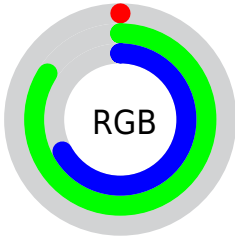
Format	Color
RYB	0, 119, 214
Decimal	54955
CIELab	76.70, -53.93, 8.97
CIELCh	77, 54.669, 170.554
Yxy	51.0334, 0.2431, 0.3951
Android (android.graphics.Color)	4278245035 (0xFF00D6AB)
YUV	145.1120, 12.7628, -127.2632
Hunter-Lab	71.4377, -46.5642, 11.2278

Details

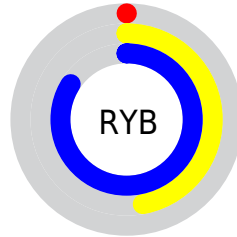
The Hex color **00D6AB** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D6002B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6AFFE2**, and **009E77** is the 20% darker color. If you saturate the color by 10%, you get **00D6AB**, and if you desaturate by 10%, it is **15D6AF**.

Distribution



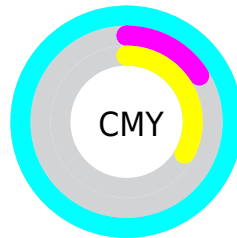
- Red (0%)
- Green (84%)
- Blue (67%)



- Red (0%)
- Yellow (47%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D6AB 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 00D6AB by changing the saturation by 10% instead.

 00D6AB

 00D6AB

FFFFFF

 00BA90

 6AFFE2

 009E77

 8BFFFF

 00835E

 AAFFFF

 006946

 CAFFFF

 004F30

 E9FFFF

 00371B

 001F01

 000000

 00D6AB

 15D6AF

 2BD6B4

 40D6B8

 56D6BC

 6BD6C1

 80D6C5

 96D6C9

 ABD6CD

 C1D6D2

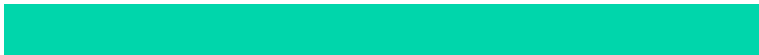
Harmonies

Analogous

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



7ED07B



00D6AB



00D7DF

Triad

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



00D6AB



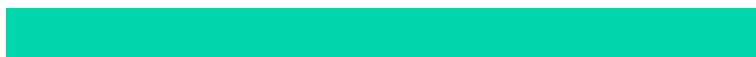
A7B6FF



FFA271

Complementary

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



00D6AB



D6002B

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.



FF949D



00D6AB



ECA2FE

Square

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



00D6AB



28C7FF



FF94CF



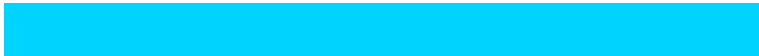
E9B557

Rectangle

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



00D6AB



00D4FE



FF94CF



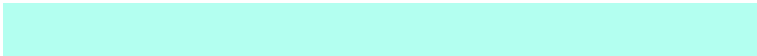
FF9D7E

Sweetspot

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



00D6AB



B3FFF0



2ED600



528076



000000



808080

Same Dimension

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



00D6AB



00FFCC



0099D6



606B69



00AB89



002B23

Inverse Universe

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



D6002B



FF0033



D63D00



6B6063



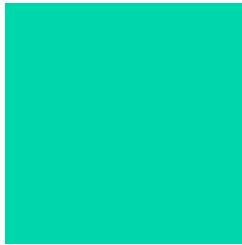
AB0022



2B0009

Previews

White Background



This preview shows how the Hex color 00D6AB looks on a white background.

Color Contrast Check

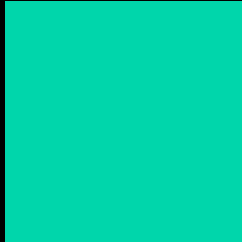
Large Text (above 18pt) WCAG AA × Fail

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 00D6AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

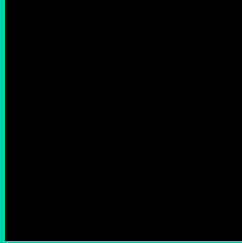
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

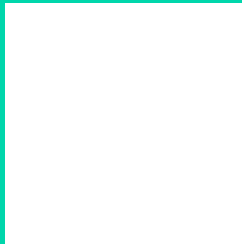
Any Text WCAG AAA ✓ Pass

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

Hex 00D6AB Background



This preview shows how black text looks on a background with the Hex color 00D6AB.

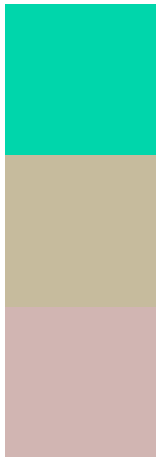


This preview shows how white text looks on a background with the Hex color 00D6AB.

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](#).

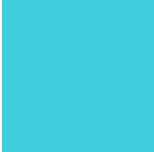
Dichromacy



Original Color
00D6AB

Protanopia
C6BB9D

Deuteranopia
D1B5B2



Tritanopia
41CFE0

Trichromacy



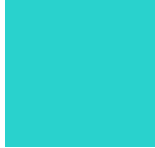
Original Color
00D6AB



Protanomaly
7EC5A2



Deuteranomaly
85C1AF



Tritanomaly
29D2CD

Monochromacy



Original Color
00D6AB



Achromatopsia
919191



Achromatomaly
5CAA9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D6AB 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 #00D6AB looks like.

```
.text, #text, p{  
    color:#00D6AB  
}
```

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 #00D6AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D6AB
}
```

Border

The CSS property to change the border of an element to Hex 00D6AB 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
#00D6AB }
```

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

```
.border{ border-color:#00D6AB }
```

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

Here you see how a box with a 4 pixel #00D6AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D6AB; -webkit-box-shadow:4px 4px  
4px 4px #00D6AB; box-shadow:4px 4px 4px  
4px #00D6AB }
```

Background

The CSS property to change the background color of an element to Hex 00D6AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D6AB }
```

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

```
.background{ background-color:#00D6AB }
```

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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