

Converting Colors

Hex(00D1AE)

Have a look what the booklet for
Hex(00D1AE) contains.

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Color

Hex(00D1AE)

Conversions

Conversions Part 1

Format	Color
Hex	00D1AE
RGB	0, 209, 174
RGB Percent	0%, 82%, 68%
CMY	1.0000, 0.1804, 0.3176
CMYK	1.00, 0.00, 0.17, 0.18
HSL	170°, 100%, 41%
HSV	170°, 100%, 82%
XYZ	30.4404, 48.6569, 47.8317
YIQ	142.5190, -113.3290, -55.1930

Conversions

Conversions Part 2

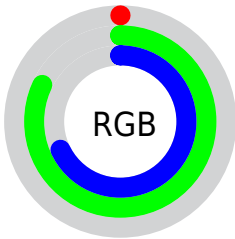
Format	Color
RYB	0, 114, 209
Decimal	53678
CIELab	75.24, -51.17, 5.27
CIELCh	75, 51.445, 174.121
Yxy	48.6569, 0.2398, 0.3833
Android (android.graphics.Color)	4278243758 (0xFF00D1AE)
YUV	142.5190, 15.5201, -124.9892
Hunter-Lab	69.7545, -44.1741, 8.1721

Details

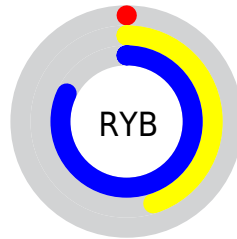
The Hex color **00D1AE** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **D10023**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **69FFE5**, and **00997A** is the 20% darker color. If you saturate the color by 10%, you get **00D1AE**, and if you desaturate by 10%, it is **15D1B1**.

Distribution



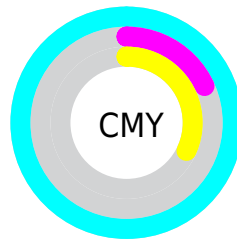
- Red (0%)
- Green (82%)
- Blue (68%)



- Red (0%)
- Yellow (45%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D1AE 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 00D1AE by changing the saturation by 10% instead.

 00D1AE

 00D1AE

FFFFFF

 00B593

 69FFE5

 00997A

 8AFFFF

 007F61

 A9FFFF

 006549

 C8FFFF

 004B33

 E7FFFF

 00341E

 001B05

 000000

 00D1AE

 15D1B1

 2AD1B5

 3FD1B8

 54D1BC

 69D1BF

 7DD1C3

 92D1C6

 A7D1CA

 BCD1CD

Harmonies

Analogous

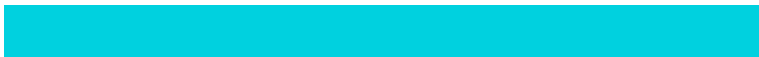
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77CC80



00D1AE



00D1DF

Triad

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



00D1AE



AEB1FF



FFA26E

Complementary

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



00D1AE



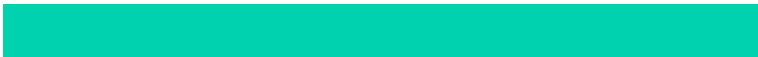
D10023

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.



FF9595



00D1AE



EB9EF1

Square

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



00D1AE



4EC1FF



FF93C5



DEB359

Rectangle

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



00D1AE



00CEFA



FF93C5



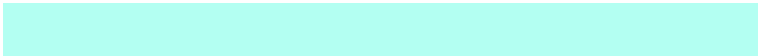
FF9D79

Sweetspot

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



00D1AE



B3FFF2



26D100



528078



000000



808080

Same Dimension

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



00D1AE



00FFD4



008FD1



5E6967



00A88C



002922

Inverse Universe

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



D10023



FF002B



D14200



695E60



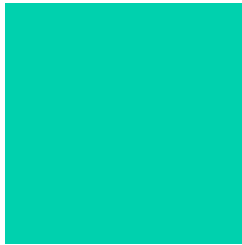
A8001C



290007

Previews

White Background



This preview shows how the Hex color 00D1AE looks on a white background.

Color Contrast Check

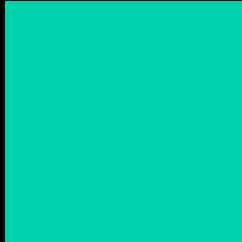
Large Text (above 18pt) WCAG AA × Fail

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 00D1AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

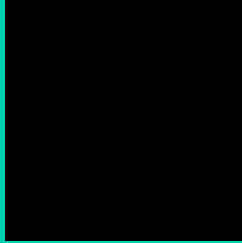
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

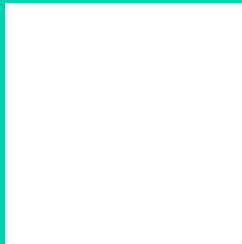
Any Text WCAG AAA ✓ Pass

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

Hex 00D1AE Background



This preview shows how black text looks on a background with the Hex color 00D1AE.



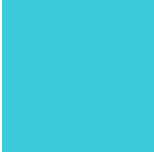
This preview shows how white text looks on a background with the Hex color 00D1AE.

Color Blindness Simulation

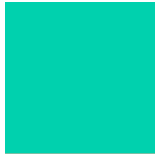
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



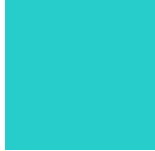
Original Color
00D1AE



Protanomaly
7AC0A5

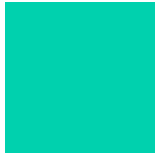


Deuteranomaly
81BDB2



Tritanomaly
26CDCB

Monochromacy



Original Color
00D1AE



Achromatopsia
8F8F8F



Achromatomaly
5BA79A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D1AE 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 #00D1AE looks like.

```
.text, #text, p{  
    color:#00D1AE  
}
```

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 #00D1AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D1AE
}
```

Border

The CSS property to change the border of an element to Hex 00D1AE 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
#00D1AE }
```

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

```
.border{ border-color:#00D1AE }
```

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

Here you see how a box with a 4 pixel #00D1AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D1AE; -webkit-box-shadow:4px 4px  
4px 4px #00D1AE; box-shadow:4px 4px 4px  
4px #00D1AE }
```

Background

The CSS property to change the background color of an element to Hex 00D1AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D1AE }
```

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

```
.background{ background-color:#00D1AE }
```

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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