

Converting Colors

Hex(00D2AF)

Have a look what the booklet for
Hex(00D2AF) contains.

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Color

Hex(00D2AF)

Conversions

Conversions Part 1

Format	Color
Hex	00D2AF
RGB	0, 210, 175
RGB Percent	0%, 82%, 69%
CMY	1.0000, 0.1765, 0.3137
CMYK	1.00, 0.00, 0.17, 0.18
HSL	170°, 100%, 41%
HSV	170°, 100%, 82%
XYZ	30.7845, 49.1883, 48.4292
YIQ	143.2200, -113.9250, -55.4050

Conversions

Conversions Part 2

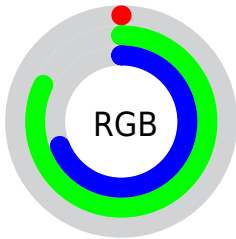
Format	Color
RYB	0, 115, 210
Decimal	53935
CIELab	75.57, -51.32, 5.21
CIELCh	76, 51.581, 174.204
Yxy	49.1883, 0.2398, 0.3831
Android (android.graphics.Color)	4278244015 (0xFF00D2AF)
YUV	143.2200, 15.6675, -125.6039
Hunter-Lab	70.1344, -44.3852, 8.1531

Details

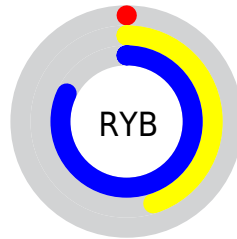
The Hex color **00D2AF** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D20023**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **69FFE6**, and **009A7B** is the 20% darker color. If you saturate the color by 10%, you get **00D2AF**, and if you desaturate by 10%, it is **15D2B2**.

Distribution



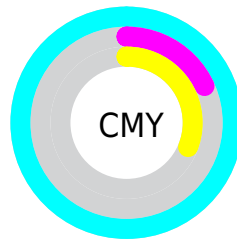
- Red (0%)
- Green (82%)
- Blue (69%)



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



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



- Cyan (100%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D2AF 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 00D2AF by changing the saturation by 10% instead.

 00D2AF

 00D2AF

FFFFFF

 00B694

 69FFE6

 009A7B

 8AFFFF

 007F62

 AAFFFF

 00654A

 C9FFFF

 004C34

 E8FFFF

 00341E

 001C07

 000000

 00D2AF

 15D2B2

 2AD2B6

 3FD2B9

 54D2BD

 69D2C0

 7ED2C4

 93D2C7

 A8D2CB

 BDD2CE

Harmonies

Analogous

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



77CD81



00D2AF



00D2E0

Triad

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



00D2AF



B0B1FF



FFA36E

Complementary

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



00D2AF



D20023

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.



FF9596



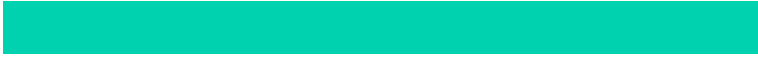
00D2AF



EC9FF2

Square

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



00D2AF



4FC2FF



FF93C5



DFB459

Rectangle

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



00D2AF



00CFFB



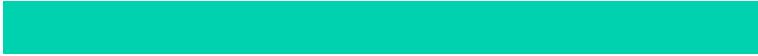
FF93C5



FF9E7A

Sweetspot

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



00D2AF



B3FFF2



23D200



528078



000000



808080

Same Dimension

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



00D2AF



00FFD4



008CD2



5E6967



00A88C



002922

Inverse Universe

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



D20023



FF002B



D24600



695E60



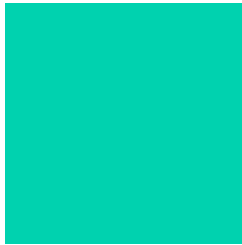
A8001C



290007

Previews

White Background



This preview shows how the Hex color 00D2AF looks on a white background.

Color Contrast Check

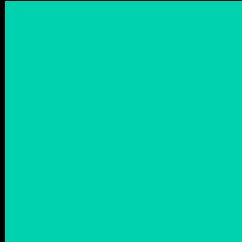
Large Text (above 18pt) WCAG AA × Fail

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 00D2AF 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

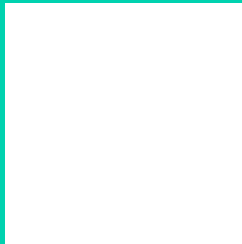
Any Text WCAG AAA ✓ Pass

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

Hex 00D2AF Background



This preview shows how black text looks on a background with the Hex color 00D2AF.



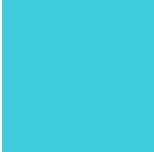
This preview shows how white text looks on a background with the Hex color 00D2AF.

Color Blindness Simulation

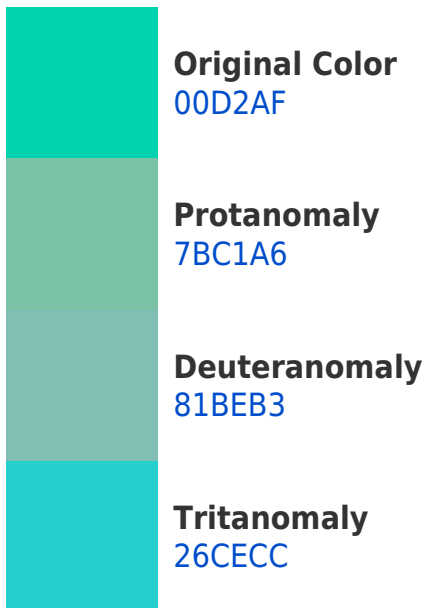
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

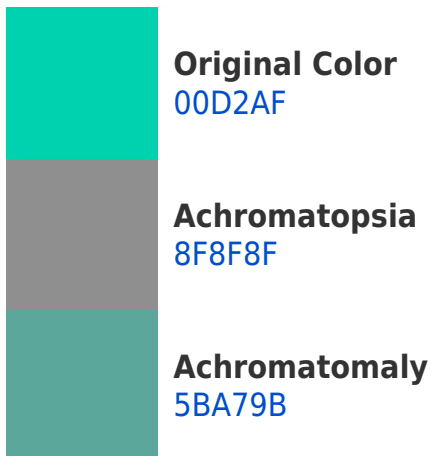




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00D2AF 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 #00D2AF looks like.

```
.text, #text, p{  
    color:#00D2AF  
}
```

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 #00D2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D2AF
}
```

Border

The CSS property to change the border of an element to Hex 00D2AF 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
#00D2AF }
```

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

```
.border{ border-color:#00D2AF }
```

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

Here you see how a box with a 4 pixel #00D2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D2AF; -webkit-box-shadow:4px 4px  
4px 4px #00D2AF; box-shadow:4px 4px 4px  
4px #00D2AF }
```

Background

The CSS property to change the background color of an element to Hex 00D2AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D2AF }
```

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

```
.background{ background-color:#00D2AF }
```

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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