

Converting Colors

Hex(00D4A8)

Have a look what the booklet for
Hex(00D4A8) contains.

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Color

Hex(00D4A8)

Conversions

Conversions Part 1

Format	Color
Hex	00D4A8
RGB	0, 212, 168
RGB Percent	0%, 83%, 66%
CMY	1.0000, 0.1686, 0.3412
CMYK	1.00, 0.00, 0.21, 0.17
HSL	168°, 100%, 42%
HSV	168°, 100%, 83%
XYZ	30.6114, 49.9141, 45.0668
YIQ	143.5960, -112.2280, -58.6280

Conversions

Conversions Part 2

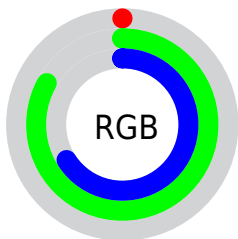
Format	Color
RYB	0, 118, 212
Decimal	54440
CIELab	76.02, -53.89, 9.60
CIELCh	76, 54.742, 169.900
Yxy	49.9141, 0.2437, 0.3974
Android (android.graphics.Color)	4278244520 (0xFF00D4A8)
YUV	143.5960, 12.0312, -125.9337
Hunter-Lab	70.6499, -46.2965, 11.6345

Details

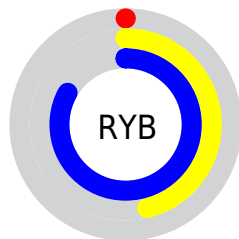
The Hex color **00D4A8** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D4002C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **69FFDF**, and **009C74** is the 20% darker color. If you saturate the color by 10%, you get **00D4A8**, and if you desaturate by 10%, it is **15D4AC**.

Distribution



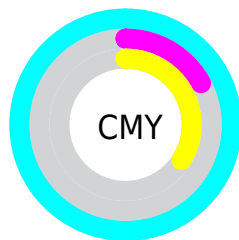
- Red (0%)
- Green (83%)
- Blue (66%)



- Red (0%)
- Yellow (46%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D4A8 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 00D4A8 by changing the saturation by 10% instead.

 00D4A8

 00D4A8

FFFFFF

 00B88E

 69FFDF

 009C74

 8AFFFC

 00815B

 AAFFFF

 006744

 C9FFFF

 004E2E

 E8FFFF

 003619

 001D00

 000000

 00D4A8

 15D4AC

 2AD4B1

 40D4B5

 55D4BA

 6AD4BE

 7FD4C2

 94D4C7

 AAD4CB

 BFD4D0

Harmonies

Analogous

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



7DCE78



00D4A8



00D5DC

Triad

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



00D4A8



A3B5FF



FFA070

Complementary

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



00D4A8



D4002C

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.



FF929C



00D4A8



E9A1FD

Square

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



00D4A8



19C6FF



FF92CF



E8B355

Rectangle

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



00D4A8



00D3FB



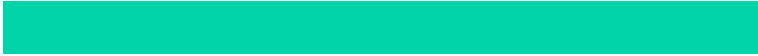
FF92CF



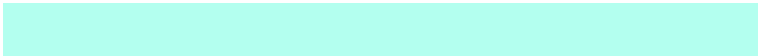
FF9A7D

Sweetspot

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



00D4A8



B3FFEF



2ED400



528076



000000



808080

Same Dimension

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



00D4A8



00FFCA



0098D4



606B69



00AB87



002B22

Inverse Universe

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



D4002C



FF0035



D43C00



6B6063



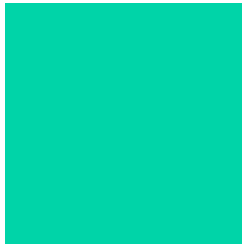
AB0023



2B0009

Previews

White Background



This preview shows how the Hex color 00D4A8 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 00D4A8 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 00D4A8 Background



This preview shows how black text looks on a background with the Hex color 00D4A8.

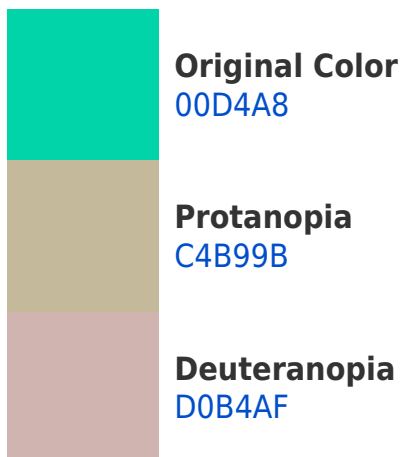


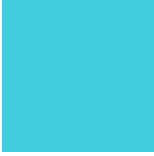
This preview shows how white text looks on a background with the Hex color 00D4A8.

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](#).

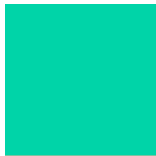
Dichromacy





Tritanopia
41CDDD

Trichromacy



Original Color
00D4A8



Protanomaly
7DC3A0



Deuteranomaly
84C0AC



Tritanomaly
29D0CA

Monochromacy



Original Color
00D4A8



Achromatopsia
909090



Achromatomaly
5CA999

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D4A8 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 #00D4A8 looks like.

```
.text, #text, p{  
    color:#00D4A8  
}
```

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 #00D4A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D4A8
}
```

Border

The CSS property to change the border of an element to Hex 00D4A8 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
#00D4A8 }
```

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

```
.border{ border-color:#00D4A8 }
```

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

Here you see how a box with a 4 pixel #00D4A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D4A8; -webkit-box-shadow:4px 4px  
4px 4px #00D4A8; box-shadow:4px 4px 4px  
4px #00D4A8 }
```

Background

The CSS property to change the background color of an element to Hex 00D4A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D4A8 }
```

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

```
.background{ background-color:#00D4A8 }
```

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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