

# Converting Colors

Hex(00D1A8)

Have a look what the booklet for  
Hex(00D1A8) contains.

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**Color**

**Hex(00D1A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D1A8
RGB	0, 209, 168
RGB Percent	0%, 82%, 66%
CMY	1.0000, 0.1804, 0.3412
CMYK	1.00, 0.00, 0.20, 0.18
HSL	168°, 100%, 41%
HSV	168°, 100%, 82%
XYZ	29.8683, 48.4281, 44.8191
YIQ	141.8350, -111.4030, -57.0590

# Conversions

## Conversions Part 2

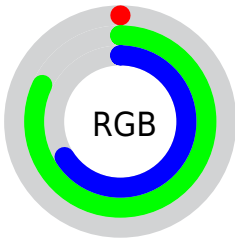
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 116, 209
Decimal	53672
CIELab	75.09, -52.71, 8.28
CIELCh	75, 53.360, 171.069
Yxy	48.4281, 0.2426, 0.3934
Android (android.graphics.Color)	4278243752 (0xFF00D1A8)
YUV	141.8350, 12.8993, -124.3893
Hunter-Lab	69.5903, -45.1703, 10.5279

# Details

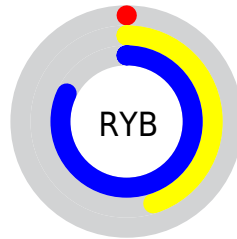
The Hex color **00D1A8** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D10029**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **68FFDF**, and **009974** is the 20% darker color. If you saturate the color by 10%, you get **00D1A8**, and if you desaturate by 10%, it is **15D1AC**.

# Distribution



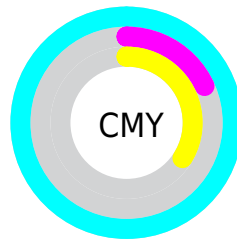
- Red (0%)
- Green (82%)
- Blue (66%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D1A8 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 00D1A8 by changing the saturation by 10% instead.



 00D1A8

 00D1A8

FFFFFF

 00B58E

 68FFDF

 009974

 89FFFC

 007E5B

 A9FFFF

 006444

 C8FFFF

 004B2E

 E7FFFF

 003419

 001A00

 000000

 00D1A8

 15D1AC

 2AD1B0

 3FD1B4

 54D1B8

 69D1BC

 7DD1C1

 92D1C5

 A7D1C9

 BCD1CD

# Harmonies

## Analogous

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



7ACB79



00D1A8



00D2DB

# Triad

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



00D1A8



A5B2FF



FF9F6E

# Complementary

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



00D1A8



D10029

# 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.



FF9198



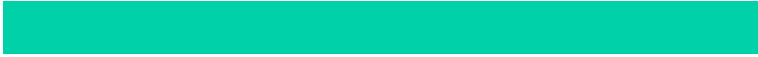
00D1A8



E79FF7

# Square

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



00D1A8



2FC2FF



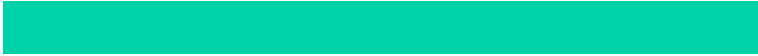
FF91CA



E3B155

# Rectangle

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



00D1A8



00CFF8



FF91CA



FF9A7B

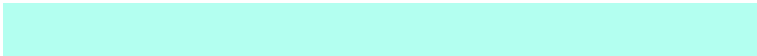


# Sweetspot

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



00D1A8



B3FFF0



2AD100



528076



000000



808080



# Same Dimension

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



00D1A8



00FFCD



0092D1



5E6966



00A887



002921



# Inverse Universe

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



D10029



FF0032



D13F00



695E60



A80021

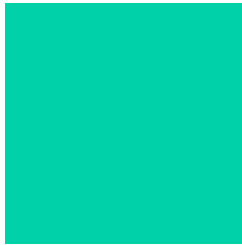


290008



# Previews

## White Background



This preview shows how the Hex color 00D1A8 looks on a white background.

## Color Contrast Check

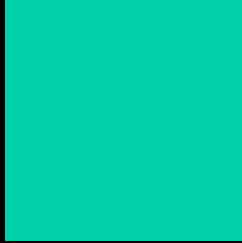
Large Text (above 18pt) WCAG AA × Fail

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 00D1A8 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 00D1A8 Background



This preview shows how black text looks on a background with the Hex color 00D1A8.

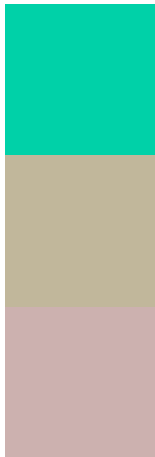


This preview shows how white text looks on a background with the Hex color 00D1A8.

# 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](#).

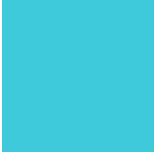
## Dichromacy



**Original Color**  
00D1A8

**Protanopia**  
C1B79B

**Deuteranopia**  
CCB1AF

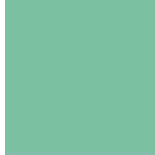


**Tritanopia**  
3FCADB

# Trichromacy



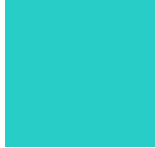
**Original Color**  
00D1A8



**Protanomaly**  
7BC0A0



**Deuteranomaly**  
82BDAC



**Tritanomaly**  
28CDC8

# Monochromacy



**Original Color**  
00D1A8



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
5AA697

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D1A8 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 #00D1A8 looks like.

```
.text, #text, p{  
    color:#00D1A8  
}
```

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 #00D1A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D1A8
}
```

## Border

The CSS property to change the border of an element to Hex 00D1A8 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
#00D1A8 }
```

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

```
.border{ border-color:#00D1A8 }
```

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

Here you see how a box with a 4 pixel #00D1A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D1A8; -webkit-box-shadow:4px 4px  
4px 4px #00D1A8; box-shadow:4px 4px 4px  
4px #00D1A8 }
```

# Background

The CSS property to change the background color of an element to Hex 00D1A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D1A8 }
```

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

```
.background{ background-color:#00D1A8 }
```

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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