

Converting Colors

Hex(1CD8A0)

Have a look what the booklet for
Hex(1CD8A0) contains.

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Color

Hex(1CD8A0)

Conversions

Conversions Part 1

Format	Color
Hex	1CD8A0
RGB	28, 216, 160
RGB Percent	11%, 85%, 63%
CMY	0.8902, 0.1529, 0.3725
CMYK	0.87, 0.00, 0.26, 0.15
HSL	162°, 77%, 48%
HSV	162°, 87%, 85%
XYZ	31.3799, 51.8967, 41.6209
YIQ	153.4040, -94.0720, -57.2720

Conversions

Conversions Part 2

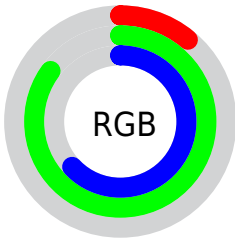
Format	Color
RYB	28, 138, 216
Decimal	1890464
CIELab	77.22, -56.23, 15.57
CIElCh	77, 58.349, 164.520
Yxy	51.8967, 0.2512, 0.4155
Android (android.graphics.Color)	4280080544 (0xFF1CD8A0)
YUV	153.4040, 3.2518, -109.9793
Hunter-Lab	72.0393, -48.3153, 16.1726

Details

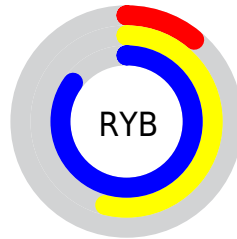
The Hex color **1CD8A0** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D81C54**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **70FFD7**, and **00A06C** is the 20% darker color. If you saturate the color by 10%, you get **06D89A**, and if you desaturate by 10%, it is **32D8A6**.

Distribution



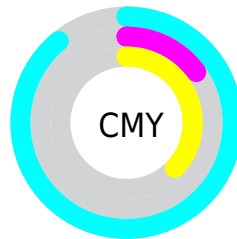
- Red (11%)
- Green (85%)
- Blue (63%)



- Red (11%)
- Yellow (54%)
- Blue (85%)



- Cyan (87%)
- Magenta (0%)
- Yellow (26%)
- Black (15%)



- Cyan (89%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CD8A0 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 1CD8A0 by changing the saturation by 10% instead.

 1CD8A0

 1CD8A0

FFFFFF

 00BC86

 70FFD7

 00A06C

 90FFF3

 008554

 AFFFFFF

 006A3D

 CEFFFF

 005127

 EDFFFF

 003812

 002100

 000000

 1CD8A0

 1CD8A0

06D89A

32D8A6

00D898

47D8AD

5DD8B3

72D8BA

88D8C0

9ED8C7

B3D8CD

C9D8D3

DED8DA

Harmonies

Analogous

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



88D16E



1CD8A0



00DAD8

Triad

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



1CD8A0



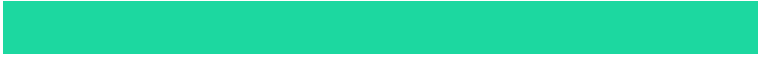
92BBFF



FF9E75

Complementary

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



1CD8A0



D81C54

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.



FF91A6



1CD8A0



E4A6FF

Square

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



1CD8A0



00CCFF



FF94DD



F5B254

Rectangle

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



1CD8A0



00D8FA



FF94DD



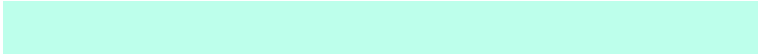
FF9884

Sweetspot

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



1CD8A0



BDFFE8



54D81C



588074



000000



808080

Same Dimension

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



1CD8A0



00FFB3



1CB2D8



606B68



00AB78



002B1E

Inverse Universe

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



D81C54



FF004C



D8421C



6B6064



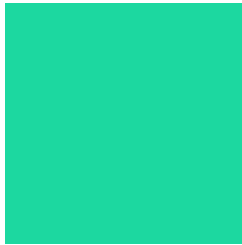
AB0033



2B000D

Previews

White Background



This preview shows how the Hex color 1CD8A0 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 1CD8A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

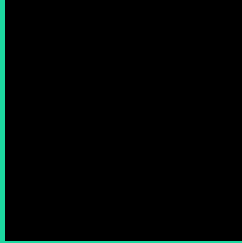
Any Text WCAG AA ✓ Pass

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 1CD8A0 Background



This preview shows how black text looks on a background with the Hex color 1CD8A0.

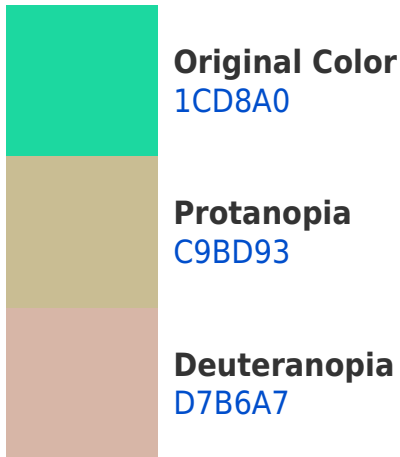


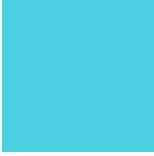
This preview shows how white text looks on a background with the Hex color 1CD8A0.

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
4AD0E0

Trichromacy



Original Color
1CD8A0



Protanomaly
8AC798



Deuteranomaly
93C2A4



Tritanomaly
39D3C9

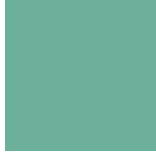
Monochromacy



Original Color
1CD8A0



Achromatopsia
999999



Achromatomaly
6CB09C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CD8A0 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 #1CD8A0 looks like.

```
.text, #text, p{  
    color:#1CD8A0  
}
```

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 #1CD8A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CD8A0
}
```

Border

The CSS property to change the border of an element to Hex 1CD8A0 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
#1CD8A0 }
```

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

```
.border{ border-color:#1CD8A0 }
```

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

Here you see how a box with a 4 pixel #1CD8A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CD8A0; -webkit-box-shadow:4px 4px  
4px 4px #1CD8A0; box-shadow:4px 4px 4px  
4px #1CD8A0 }
```

Background

The CSS property to change the background color of an element to Hex 1CD8A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CD8A0 }
```

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

```
.background{ background-color:#1CD8A0 }
```

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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