

Converting Colors

Hex(00CDAC)

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

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Color

Hex(00CDAC)

Conversions

Conversions Part 1

Format	Color
Hex	00CDAC
RGB	0, 205, 172
RGB Percent	0%, 80%, 67%
CMY	1.0000, 0.1961, 0.3255
CMYK	1.00, 0.00, 0.16, 0.20
HSL	170°, 100%, 40%
HSV	170°, 100%, 80%
XYZ	29.2777, 46.6412, 46.4893
YIQ	139.9430, -111.5870, -53.7230

Conversions

Conversions Part 2

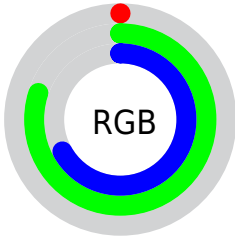
Format	Color
RYB	0, 111, 205
Decimal	52652
CIELab	73.96, -50.08, 4.50
CIElCh	74, 50.281, 174.863
Yxy	46.6412, 0.2392, 0.3810
Android (android.graphics.Color)	4278242732 (0xFF00CDAC)
YUV	139.9430, 15.8041, -122.7300
Hunter-Lab	68.2944, -42.9924, 7.4462

Details

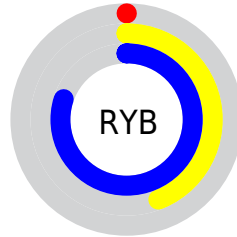
The Hex color **00CDAC** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **CD0021**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **68FFE3**, and **009678** is the 20% darker color. If you saturate the color by 10%, you get **00CDAC**, and if you desaturate by 10%, it is **14CDAF**.

Distribution



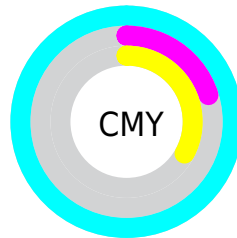
- Red (0%)
- Green (80%)
- Blue (67%)



- Red (0%)
- Yellow (44%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 00CDAC


 00CDAC

FFFFFF

 00B191

 68FFE3

 009678

 88FFFF

 007B5F

 A8FFFF

 006147

 C7FFFF

 004831

 E6FFFF

 00311C

 001603

 000000

 00CDAC

 14CDAF

 29CDB3

 3ECDB6

 52CDB9

 67CDBD

 7BCDC0

 90CDC3

 A4CDC6

 B9CDCA

Harmonies

Analogous

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



74C87F



00CDAC



00CDDB

Triad

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



00CDAC



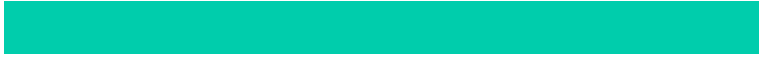
ADADFF



FBA06C

Complementary

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



00CDAC



CD0021

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.



FF9291



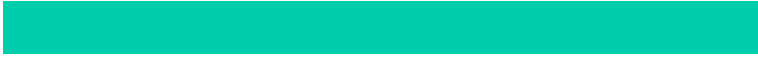
00CDAC



E89BEC

Square

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



00CDAC



52BDFE



FF90C0



D9B058

Rectangle

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



00CDAC



00CAF6



FF90C0



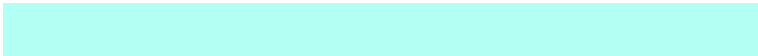
FF9A77

Sweetspot

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



00CDAC



B3FFF3



22CD00



528078



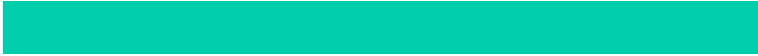
000000



808080

Same Dimension

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



00CDAC



00FFD6



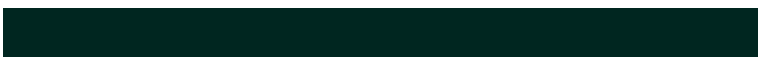
0089CD



5C6664



00A68B



002620

Inverse Universe

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



CD0021



FF0029



CD4400



665C5D



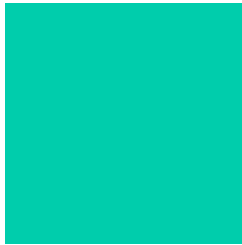
A6001B



260006

Previews

White Background



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

Color Contrast Check

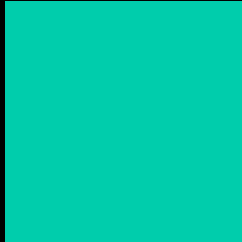
Large Text (above 18pt) WCAG AA × Fail

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 00CDAC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

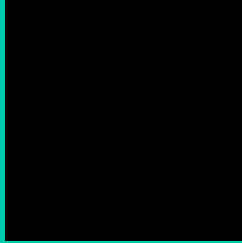
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

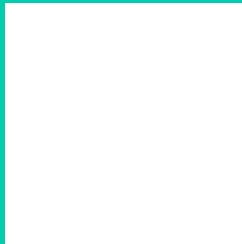
Any Text WCAG AAA ✓ Pass

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

Hex 00CDAC Background



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



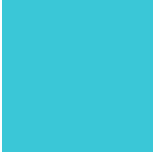
This preview shows how white text looks on a background with the Hex color 00CDAC.

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
3AC7D7

Trichromacy



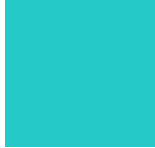
Original Color
00CDAC



Protanomaly
78BDA4



Deuteranomaly
7EBAB0



Tritanomaly
25C9C7

Monochromacy



Original Color
00CDAC



Achromatopsia
8C8C8C



Achromatomaly
59A498

CSS Examples

Text

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

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

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 #00CDAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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