

Converting Colors

Hex(00CDC1)

Have a look what the booklet for
Hex(00CDC1) contains.

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Color

Hex(00CDC1)

Conversions

Conversions Part 1

Format	Color
Hex	00CDC1
RGB	0, 205, 193
RGB Percent	0%, 80%, 76%
CMY	1.0000, 0.1961, 0.2431
CMYK	1.00, 0.00, 0.06, 0.20
HSL	176°, 100%, 40%
HSV	176°, 100%, 80%
XYZ	31.4570, 47.5129, 57.9650
YIQ	142.3370, -118.3280, -47.1920

Conversions

Conversions Part 2

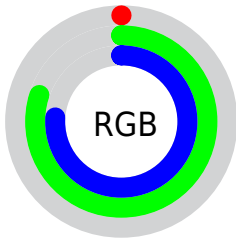
Format	Color
RYB	0, 106, 205
Decimal	52673
CIELab	74.52, -44.30, -6.03
CIELCh	75, 44.710, 187.751
Yxy	47.5129, 0.2297, 0.3470
Android (android.graphics.Color)	4278242753 (0xFF00CDC1)
YUV	142.3370, 24.9769, -124.8295
Hunter-Lab	68.9296, -39.1659, -1.6081

Details

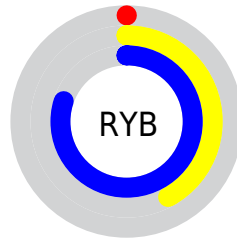
The Hex color **00CDC1** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CD000C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **69FFF9**, and **00968C** is the 20% darker color. If you saturate the color by 10%, you get **00CDC1**, and if you desaturate by 10%, it is **14CDC2**.

Distribution



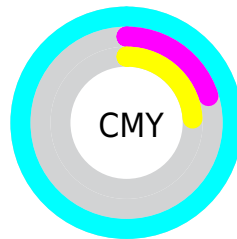
- Red (0%)
- Green (80%)
- Blue (76%)



- Red (0%)
- Yellow (42%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CDC1 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 00CDC1 by changing the saturation by 10% instead.

 00CDC1

 00CDC1

FFFFFF

 00B1A6

 69FFF9

 00968C

 8BFFFF

 007B72

 AAFFFF

 00625A

 CAFFFF

 004942

 E9FFFF

 00312C

 001918

 000000

 00CDC1

 14CDC2

 29CDC3

 3ECDC5

 52CDC6

 67CDC7

 7BCDC8

 90CDC9

 A4CDCB

 B9CDCC

Harmonies

Analogous

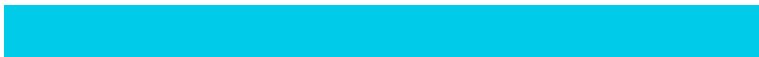
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66CA97



00CDC1



00CBE8

Triad

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



00CDC1



C9A9F8



EBAA6C

Complementary

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



00CDC1



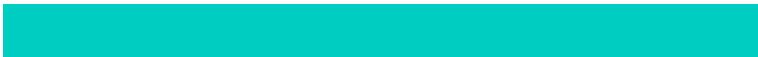
CD000C

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.



FF9D87



00CDC1



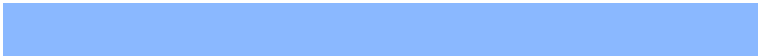
F39BD7

Square

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



00CDC1



8AB8FF



FF96AE



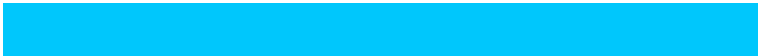
C7B864

Rectangle

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



00CDC1



00C7FC



FF96AE



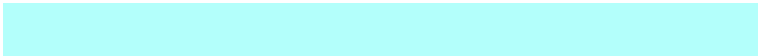
F4A573

Sweetspot

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



00CDC1



B3FFFB



0ECD00



52807D



000000



808080

Same Dimension

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



00CDC1



00FFF0



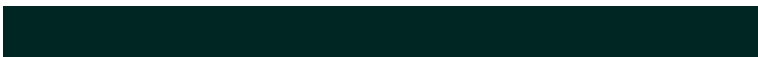
0074CD



5C6665



00A69C



002624

Inverse Universe

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



CD000C



FF000F



CD5900



665C5C



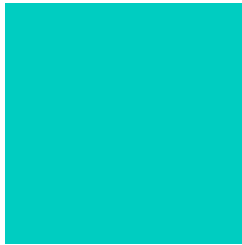
A6000A



260002

Previews

White Background



This preview shows how the Hex color 00CDC1 looks on a white background.

Color Contrast Check

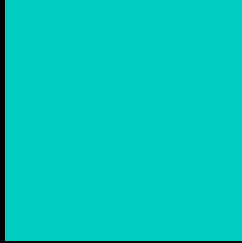
Large Text (above 18pt) WCAG AA × Fail

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 00CDC1 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

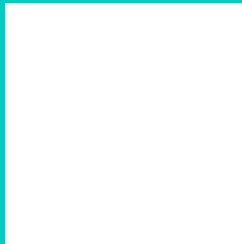
Any Text WCAG AAA ✓ Pass

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

Hex 00CDC1 Background



This preview shows how black text looks on a background with the Hex color 00CDC1.

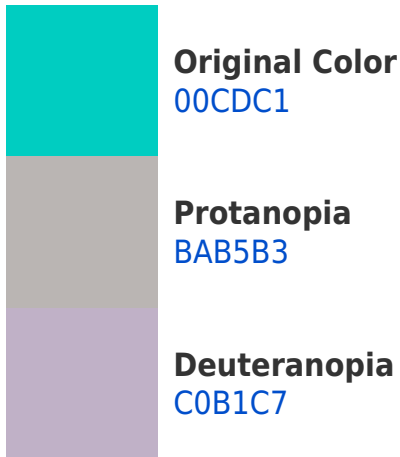


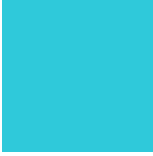
This preview shows how white text looks on a background with the Hex color 00CDC1.

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
2FC9DA

Trichromacy



Original Color
00CDC1



Protanomaly
76BEB8



Deuteranomaly
7ABBC5



Tritanomaly
1ECAD1

Monochromacy



Original Color
00CDC1



Achromatopsia
8E8E8E



Achromatomaly
5AA5A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CDC1 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 #00CDC1 looks like.

```
.text, #text, p{  
    color:#00CDC1  
}
```

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 #00CDC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CDC1
}
```

Border

The CSS property to change the border of an element to Hex 00CDC1 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
#00CDC1 }
```

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

```
.border{ border-color:#00CDC1 }
```

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

Here you see how a box with a 4 pixel #00CDC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CDC1; -webkit-box-shadow:4px 4px  
4px 4px #00CDC1; box-shadow:4px 4px 4px  
4px #00CDC1 }
```

Background

The CSS property to change the background color of an element to Hex 00CDC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CDC1 }
```

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

```
.background{ background-color:#00CDC1 }
```

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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