

Converting Colors

Hex(00D0C1)

Have a look what the booklet for
Hex(00D0C1) contains.

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Color

Hex(00D0C1)

Conversions

Conversions Part 1

Format	Color
Hex	00D0C1
RGB	0, 208, 193
RGB Percent	0%, 82%, 76%
CMY	1.0000, 0.1843, 0.2431
CMYK	1.00, 0.00, 0.07, 0.18
HSL	176°, 100%, 41%
HSV	176°, 100%, 82%
XYZ	32.1815, 48.9620, 58.2065
YIQ	144.0980, -119.1530, -48.7610

Conversions

Conversions Part 2

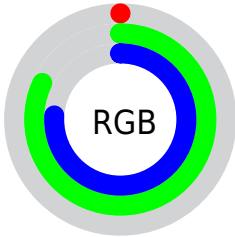
Format	Color
RYB	0, 108, 208
Decimal	53441
CIELab	75.43, -45.59, -4.68
CIELCh	75, 45.833, 185.866
Yxy	48.9620, 0.2309, 0.3514
Android (android.graphics.Color)	4278243521 (0xFF00D0C1)
YUV	144.0980, 24.1087, -126.3739
Hunter-Lab	69.9729, -40.3578, -0.3391

Details

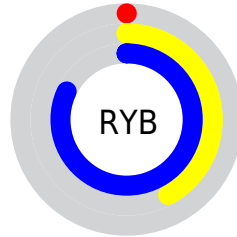
The Hex color **00D0C1** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D0000F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6AFF9**, and **00998C** is the 20% darker color. If you saturate the color by 10%, you get **00D0C1**, and if you desaturate by 10%, it is **15D0C3**.

Distribution



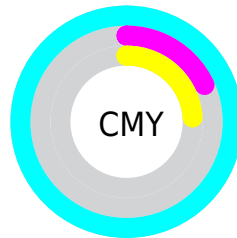
- Red (0%)
- Green (82%)
- Blue (76%)



- Red (0%)
- Yellow (42%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D0C1 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 00D0C1 by changing the saturation by 10% instead.

 00D0C1

 00D0C1

FFFFFF

 00B4A6

 6AFF9

 00998C

 8BFFF

 007E72

 ABFFF

 00645A

 CAFFF

 004B42

 EAFFF

 00332C

 001C18

 000000

 00D0C1

 15D0C3

 2AD0C4

 3ED0C6

 53D0C7

 68D0C9

 7DD0CA

 92D0CC

 A6D0CD

 BBD0CF

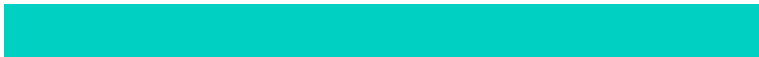
Harmonies

Analogous

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



69CD96



00D0C1



00CEEA

Triad

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



00D0C1



C9ACFE



F1AB6D

Complementary

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



00D0C1



D0000F

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.



FF9E8A



00D0C1



F59DDD

Square

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



00D0C1



86BBFF



FF98B3



CCBA64

Rectangle

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



00D0C1



00CAFF



FF98B3



FAA675

Sweetspot

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



00D0C1



B3FFF9



11D000



52807C



000000



808080

Same Dimension

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



00D0C1



00FFED



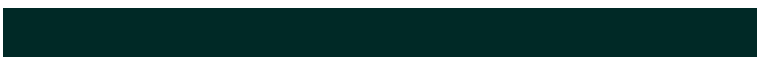
0079D0



5E6968



00A89C



002926

Inverse Universe

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



D0000F



FF0012



D05700



695E5F



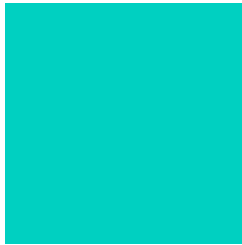
A8000C



290003

Previews

White Background



This preview shows how the Hex color 00D0C1 looks on a white background.

Color Contrast Check

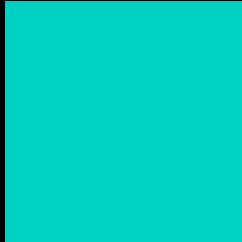
Large Text (above 18pt) WCAG AA × Fail

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 00D0C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

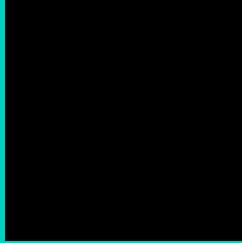
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

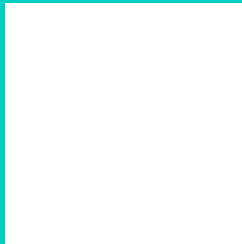
Any Text WCAG AAA ✓ Pass

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

Hex 00D0C1 Background



This preview shows how black text looks on a background with the Hex color 00D0C1.



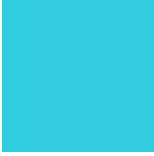
This preview shows how white text looks on a background with the Hex color 00D0C1.

Color Blindness Simulation

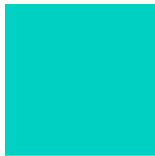
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



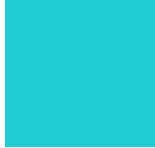
Original Color
00D0C1



Protanomaly
78C1B8



Deuteranomaly
7CBEC5



Tritanomaly
1FCDD3

Monochromacy



Original Color
00D0C1



Achromatopsia
909090



Achromatomaly
5CA7A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D0C1 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 #00D0C1 looks like.

```
.text, #text, p{  
    color:#00D0C1  
}
```

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 #00D0C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D0C1
}
```

Border

The CSS property to change the border of an element to Hex 00D0C1 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
#00D0C1 }
```

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

```
.border{ border-color:#00D0C1 }
```

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

Here you see how a box with a 4 pixel #00D0C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D0C1; -webkit-box-shadow:4px 4px  
4px 4px #00D0C1; box-shadow:4px 4px 4px  
4px #00D0C1 }
```

Background

The CSS property to change the background color of an element to Hex 00D0C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D0C1 }
```

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

```
.background{ background-color:#00D0C1 }
```

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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