

# Converting Colors

Hex(00D1C7)

Have a look what the booklet for  
Hex(00D1C7) contains.

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# Color

Hex(00D1C7)

# Conversions

## Conversions Part 1

Format	Color
Hex	00D1C7
RGB	0, 209, 199
RGB Percent	0%, 82%, 78%
CMY	1.0000, 0.1804, 0.2196
CMYK	1.00, 0.00, 0.05, 0.18
HSL	177°, 100%, 41%
HSV	177°, 100%, 82%
XYZ	33.1093, 49.7244, 61.8856
YIQ	145.3690, -121.3540, -47.4180

# Conversions

## Conversions Part 2

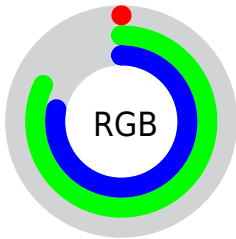
Format	Color
<a href="#">RYB</a>	<a href="#">0, 107, 209</a>
Decimal	<a href="#">53703</a>
CIELab	<a href="#">75.90, -44.31, -7.22</a>
CIELCh	<a href="#">76, 44.895, 189.255</a>
Yxy	<a href="#">49.7244, 0.2288, 0.3436</a>
Android (android.graphics.Color)	<a href="#">4278243783 (0xFF00D1C7)</a>
YUV	<a href="#">145.3690, 26.4401, -127.4886</a>
Hunter-Lab	<a href="#">70.5156, -39.5909, -2.6729</a>

# Details

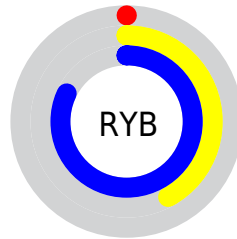
The Hex color **00D1C7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D1000A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6BFFFF**, and **009A91** is the 20% darker color. If you saturate the color by 10%, you get **00D1C7**, and if you desaturate by 10%, it is **15D1C8**.

# Distribution



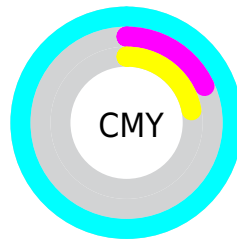
- Red (0%)
- Green (82%)
- Blue (78%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D1C7 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 00D1C7 by changing the saturation by 10% instead.



 00D1C7

 00D1C7

FFFFFF

 00B5AC

 6BFFFF

 009A91

 8CFFFF

 007F78

 ACFFFF

 00655F

 CCFFFF

 004C47

 EBFFFF

 003431

 001E1C

 000000

 00D1C7

 15D1C8

 2AD1C9

 3FD1CA

 54D1CB

 69D1CC

 7DD1CD

 92D1CE

 A7D1CF

 BCD1D0

# Harmonies

## Analogous

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



66CF9C



00D1C7



00CFEE

# Triad

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



00D1C7



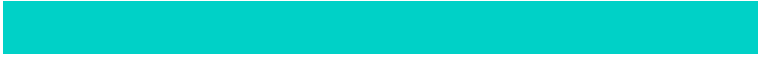
D0ABFB



EAAF6E

# Complementary

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



00D1C7



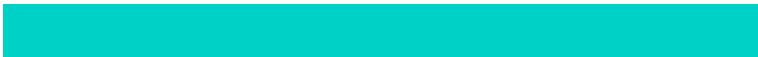
D1000A

# 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.



FFA189



00D1C7



F99ED9

# Square

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



00D1C7



92BBFF



FF9AB0



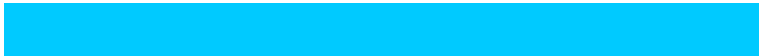
C9BD68

# Rectangle

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



00D1C7



00CAFF



FF9AB0



F7AA75

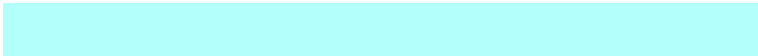


# Sweetspot

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



00D1C7



B3FFFB



0AD100



52807D



000000



808080



# Same Dimension

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



00D1C7



00FFF3



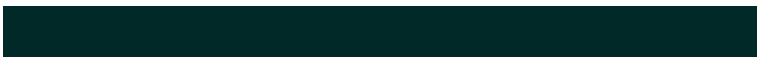
0073D1



5E6968



00A8A0



002927



# Inverse Universe

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



D1000A



FF000C



D15E00



695E5F



A80008

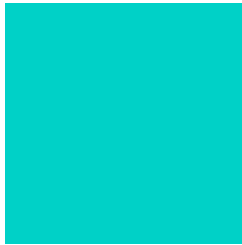


290002



# Previews

## White Background



This preview shows how the Hex color 00D1C7 looks on a white background.

## Color Contrast Check

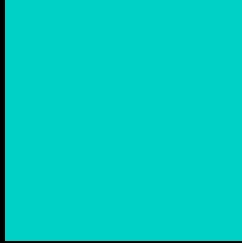
Large Text (above 18pt) WCAG AA × Fail

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 00D1C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

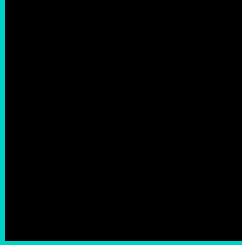
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

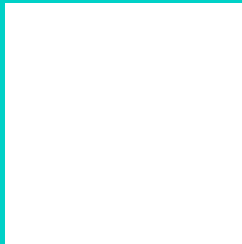
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00D1C7 Background



This preview shows how black text looks on a background with the Hex color 00D1C7.

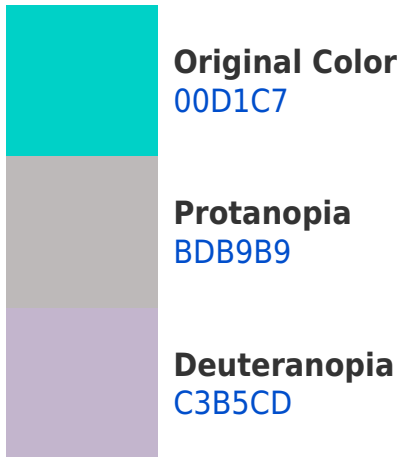


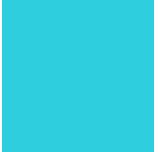
This preview shows how white text looks on a background with the Hex color 00D1C7.

# 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



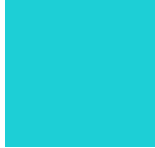
**Original Color**  
00D1C7



**Protanomaly**  
78C2BE



**Deuteranomaly**  
7CBFCB



**Tritanomaly**  
1DCFD6

# Monochromacy



**Original Color**  
00D1C7



**Achromatopsia**  
919191



**Achromatomaly**  
5CA8A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D1C7 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 #00D1C7 looks like.

```
.text, #text, p{  
    color:#00D1C7  
}
```

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 #00D1C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D1C7
}
```

## Border

The CSS property to change the border of an element to Hex 00D1C7 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
#00D1C7 }
```

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

```
.border{ border-color:#00D1C7 }
```

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

Here you see how a box with a 4 pixel #00D1C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D1C7; -webkit-box-shadow:4px 4px  
4px 4px #00D1C7; box-shadow:4px 4px 4px  
4px #00D1C7 }
```

# Background

The CSS property to change the background color of an element to Hex 00D1C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D1C7 }
```

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

```
.background{ background-color:#00D1C7 }
```

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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