

# Converting Colors

Hex(00D2BC)

Have a look what the booklet for  
Hex(00D2BC) contains.

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# Color

Hex(00D2BC)

# Conversions

## Conversions Part 1

Format	Color
Hex	00D2BC
RGB	0, 210, 188
RGB Percent	0%, 82%, 74%
CMY	1.0000, 0.1765, 0.2627
CMYK	1.00, 0.00, 0.10, 0.18
HSL	174°, 100%, 41%
HSV	174°, 100%, 82%
XYZ	32.1237, 49.7240, 55.4816
YIQ	144.7020, -118.0980, -51.3620

# Conversions

## Conversions Part 2

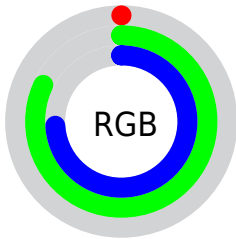
Format	Color
<a href="#">RYB</a>	<a href="#">0, 111, 210</a>
Decimal	<a href="#">53948</a>
CIELab	<a href="#">75.90, -47.84, -1.30</a>
CIELCh	<a href="#">76, 47.853, 181.553</a>
Yxy	<a href="#">49.7240, 0.2339, 0.3621</a>
Android (android.graphics.Color)	<a href="#">4278244028</a> ( <a href="#">0xFF00D2BC</a> )
YUV	<a href="#">144.7020, 21.3459, -126.9037</a>
Hunter-Lab	<a href="#">70.5153, -42.0849, 2.7112</a>

# Details

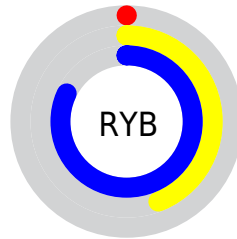
The Hex color **00D2BC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **D20016**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6AFFF4**, and **009A87** is the 20% darker color. If you saturate the color by 10%, you get **00D2BC**, and if you desaturate by 10%, it is **15D2BE**.

# Distribution



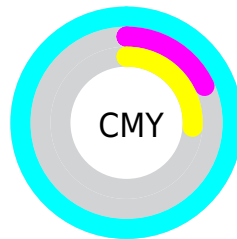
- Red (0%)
- Green (82%)
- Blue (74%)



- Red (0%)
- Yellow (44%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D2BC 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 00D2BC by changing the saturation by 10% instead.



 00D2BC

 00D2BC

FFFFFF

 00B6A1

 6AFF4

 009A87

 8BFFF

 00806E

 ABFFF

 006655

 CAFFF

 004D3E

 EAFFF

 003529

 001D14

 000000

 00D2BC

 15D2BE

 2AD2C0

 3FD2C3

 54D2C5

 69D2C7

 7ED2C9

 93D2CB

 A8D2CE

 BDD2D0

# Harmonies

## Analogous

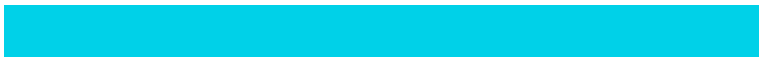
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6FCE8F



00D2BC



00D1E8

# Triad

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



00D2BC



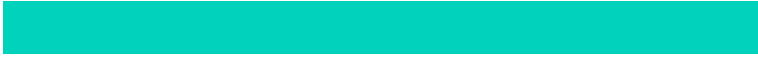
C2AFFF



F8AA6E

# Complementary

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



00D2BC



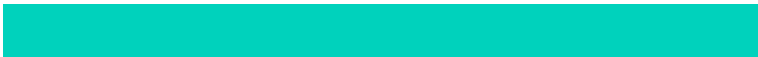
D20016

# 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.



FF9C8F



00D2BC



F49FE6

# Square

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



00D2BC



78BFFF



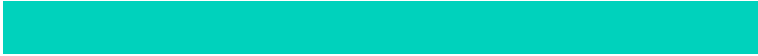
FF97BA



D4B961

# Rectangle

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



00D2BC



00CFFF



FF97BA



FFA477

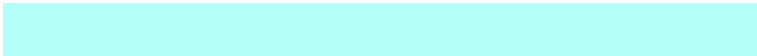


# Sweetspot

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



00D2BC



B3FFF7



19D200



52807B



000000



808080



# Same Dimension

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



00D2BC



00FFE4



0082D2



5E6967



00A897



002925



# Inverse Universe

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



D20016



FF001B



D25000



695E5F



A80012

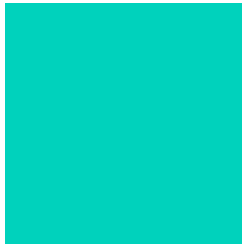


290004



# Previews

## White Background



This preview shows how the Hex color 00D2BC 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 00D2BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

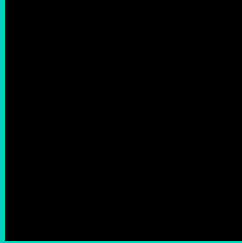
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

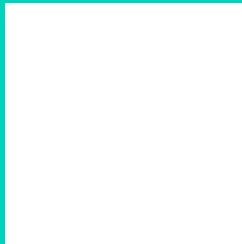
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00D2BC Background



This preview shows how black text looks on a background with the Hex color 00D2BC.



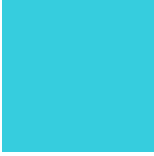
This preview shows how white text looks on a background with the Hex color 00D2BC.

# 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



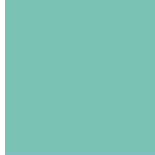


**Tritanopia**  
36CDDE

# Trichromacy



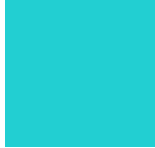
**Original Color**  
00D2BC



**Protanomaly**  
7AC2B3



**Deuteranomaly**  
7FBFC0

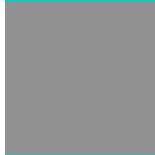


**Tritanomaly**  
22CFD2

# Monochromacy



**Original Color**  
00D2BC



**Achromatopsia**  
919191



**Achromatomaly**  
5CA9A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D2BC 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 #00D2BC looks like.

```
.text, #text, p{  
    color:#00D2BC  
}
```

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 #00D2BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D2BC
}
```

## Border

The CSS property to change the border of an element to Hex 00D2BC 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
#00D2BC }
```

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

```
.border{ border-color:#00D2BC }
```

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

Here you see how a box with a 4 pixel #00D2BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D2BC; -webkit-box-shadow:4px 4px  
4px 4px #00D2BC; box-shadow:4px 4px 4px  
4px #00D2BC }
```

# Background

The CSS property to change the background color of an element to Hex 00D2BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D2BC }
```

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

```
.background{ background-color:#00D2BC }
```

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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