

Converting Colors

Hex(00D2BF)

Have a look what the booklet for
Hex(00D2BF) contains.

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Color

Hex(00D2BF)

Conversions

Conversions Part 1

Format	Color
Hex	00D2BF
RGB	0, 210, 191
RGB Percent	0%, 82%, 75%
CMY	1.0000, 0.1765, 0.2510
CMYK	1.00, 0.00, 0.09, 0.18
HSL	175°, 100%, 41%
HSV	175°, 100%, 82%
XYZ	32.4506, 49.8548, 57.2028
YIQ	145.0440, -119.0610, -50.4290

Conversions

Conversions Part 2

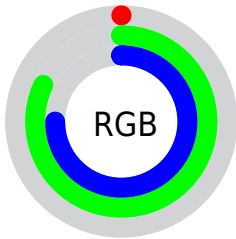
Format	Color
RYB	0, 110, 210
Decimal	53951
CIELab	75.98, -47.01, -2.79
CIELCh	76, 47.088, 183.401
Yxy	49.8548, 0.2326, 0.3574
Android (android.graphics.Color)	4278244031 (0xFF00D2BF)
YUV	145.0440, 22.6563, -127.2036
Hunter-Lab	70.6079, -41.5274, 1.3919

Details

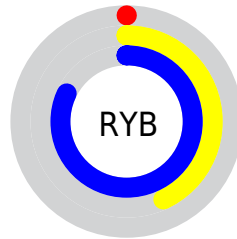
The Hex color **00D2BF** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **D20013**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6AFFF7**, and **009A8A** is the 20% darker color. If you saturate the color by 10%, you get **00D2BF**, and if you desaturate by 10%, it is **15D2C1**.

Distribution



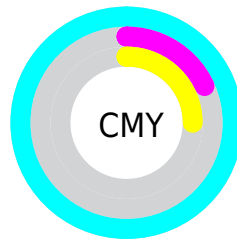
- Red (0%)
- Green (82%)
- Blue (75%)



- Red (0%)
- Yellow (43%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D2BF 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 00D2BF by changing the saturation by 10% instead.

 00D2BF

 00D2BF

FFFFFF

 00B6A4

 6AFF7

 009A8A

 8BFFF

 008070

 ABFFF

 006658

 CBFFF

 004D41

 EAFFF

 00352B

 001E17

 000000

 00D2BF

 15D2C1

 2AD2C3

 3FD2C5

 54D2C7

 69D2C9

 7ED2CA

 93D2CC

 A8D2CE

 BDD2D0

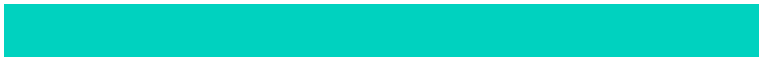
Harmonies

Analogous

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



6DCF93



00D2BF



00D1EA

Triad

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



00D2BF



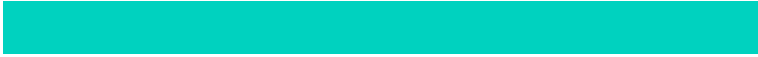
C6AEFF



F6AB6E

Complementary

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



00D2BF



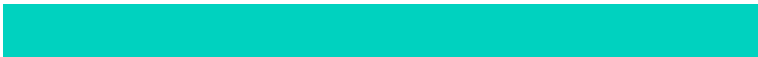
D20013

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.



FF9D8E



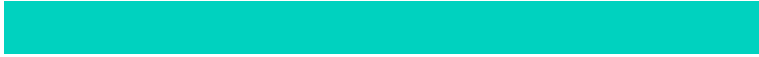
00D2BF



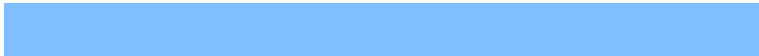
F69FE3

Square

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



00D2BF



7FBEFF



FF98B8



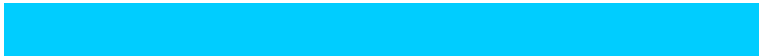
D2BA63

Rectangle

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



00D2BF



00CFFF



FF98B8



FFA677

Sweetspot

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



00D2BF



B3FFF8



15D200



52807B



000000



808080

Same Dimension

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



00D2BF



00FFE8



007ED2



5E6968



00A899



002925

Inverse Universe

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



D20013



FF0017



D25400



695E5F



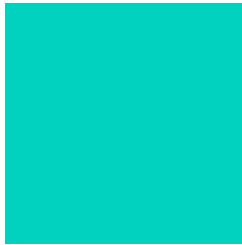
A8000F



290004

Previews

White Background



This preview shows how the Hex color 00D2BF 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 00D2BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

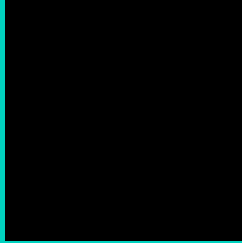
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

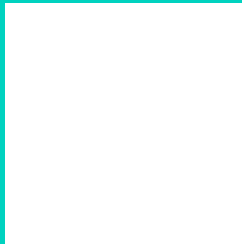
Any Text WCAG AAA ✓ Pass

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

Hex 00D2BF Background



This preview shows how black text looks on a background with the Hex color 00D2BF.

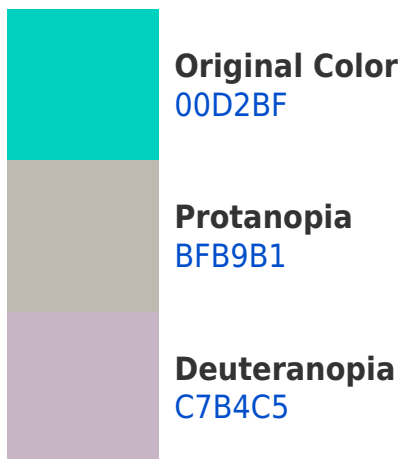


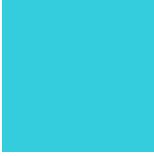
This preview shows how white text looks on a background with the Hex color 00D2BF.

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
34CDDE

Trichromacy



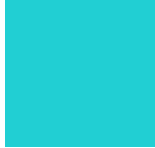
Original Color
00D2BF



Protanomaly
7AC2B6



Deuteranomaly
7FBFC3



Tritanomaly
21CFD3

Monochromacy



Original Color
00D2BF



Achromatopsia
919191



Achromatomaly
5CA9A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D2BF 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 #00D2BF looks like.

```
.text, #text, p{  
  color:#00D2BF  
}
```

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 #00D2BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D2BF
}
```

Border

The CSS property to change the border of an element to Hex 00D2BF 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
#00D2BF }
```

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

```
.border{ border-color:#00D2BF }
```

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

Here you see how a box with a 4 pixel #00D2BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D2BF; -webkit-box-shadow:4px 4px  
4px 4px #00D2BF; box-shadow:4px 4px 4px  
4px #00D2BF }
```

Background

The CSS property to change the background color of an element to Hex 00D2BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D2BF }
```

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

```
.background{ background-color:#00D2BF }
```

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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