

Converting Colors

Hex(00D1BE)

Have a look what the booklet for
Hex(00D1BE) contains.

Hex(00D1BE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00D1BE)

Conversions

Conversions Part 1

Format	Color
Hex	00D1BE
RGB	0, 209, 190
RGB Percent	0%, 82%, 75%
CMY	1.0000, 0.1804, 0.2549
CMYK	1.00, 0.00, 0.09, 0.18
HSL	175°, 100%, 41%
HSV	175°, 100%, 82%
XYZ	32.0947, 49.3186, 56.5431
YIQ	144.3430, -118.4650, -50.2170

Conversions

Conversions Part 2

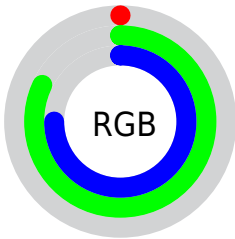
Format	Color
RYB	0, 109, 209
Decimal	53694
CIELab	75.65, -46.86, -2.74
CIELCh	76, 46.941, 183.348
Yxy	49.3186, 0.2326, 0.3575
Android (android.graphics.Color)	4278243774 (0xFF00D1BE)
YUV	144.3430, 22.5089, -126.5888
Hunter-Lab	70.2272, -41.3209, 1.4220

Details

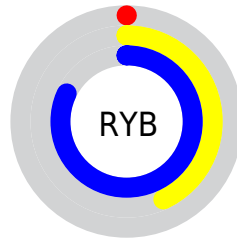
The Hex color **00D1BE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **D10013**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6AFFF6**, and **009A89** is the 20% darker color. If you saturate the color by 10%, you get **00D1BE**, and if you desaturate by 10%, it is **15D1C0**.

Distribution



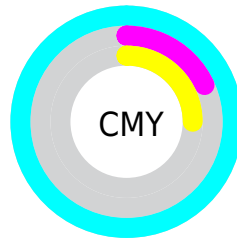
- Red (0%)
- Green (82%)
- Blue (75%)



- 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 00D1BE 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 00D1BE by changing the saturation by 10% instead.

 00D1BE

 00D1BE

FFFFFF

 00B5A3

 6AFF6

 009A89

 8BFFF

 007F6F

 ABFFF

 006557

 CAFFF

 004C40

 EAFFF

 00342A

 001D16

 000000

 00D1BE

 15D1C0

 2AD1C2

 3FD1C4

 54D1C6

 69D1C8

 7DD1C9

 92D1CB

 A7D1CD

 BCD1CF

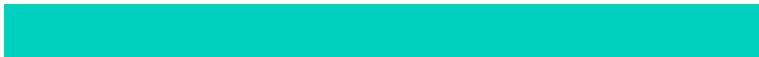
Harmonies

Analogous

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



6DCE92



00D1BE



00D0E9

Triad

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



00D1BE



C5ADFF



F5AA6E

Complementary

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



00D1BE



D10013

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.



FF9D8D



00D1BE



F49EE2

Square

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



00D1BE



7EBDFE



FF97B7



D1BA62

Rectangle

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



00D1BE



00CCFF



FF97B7



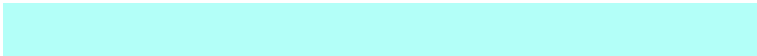
FEA576

Sweetspot

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



00D1BE



B3FFF8



15D100



52807B



000000



808080

Same Dimension

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



00D1BE



00FFE8



007DD1



5E6968



00A899



002925

Inverse Universe

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



D10013



FF0017



D15400



695E5F



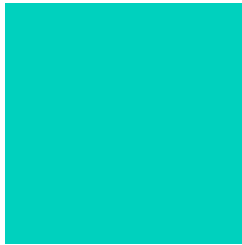
A8000F



290004

Previews

White Background



This preview shows how the Hex color 00D1BE looks on a white background.

Color Contrast Check

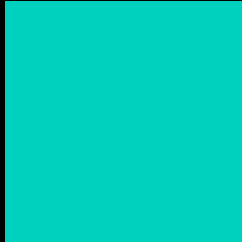
Large Text (above 18pt) WCAG AA × Fail

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 00D1BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

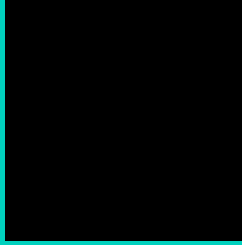
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

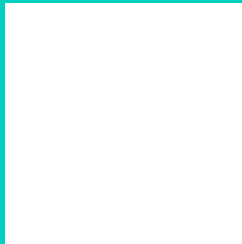
Any Text WCAG AAA ✓ Pass

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

Hex 00D1BE Background



This preview shows how black text looks on a background with the Hex color 00D1BE.



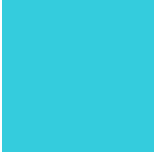
This preview shows how white text looks on a background with the Hex color 00D1BE.

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](#).

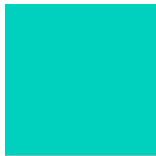
Dichromacy





Tritanopia
34CCDD

Trichromacy



Original Color
00D1BE



Protanomaly
79C1B5



Deuteranomaly
7EBFC2



Tritanomaly
21CED2

Monochromacy



Original Color
00D1BE



Achromatopsia
909090



Achromatomaly
5CA8A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D1BE 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 #00D1BE looks like.

```
.text, #text, p{  
    color:#00D1BE  
}
```

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 #00D1BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D1BE
}
```

Border

The CSS property to change the border of an element to Hex 00D1BE 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
#00D1BE }
```

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

```
.border{ border-color:#00D1BE }
```

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

Here you see how a box with a 4 pixel #00D1BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D1BE; -webkit-box-shadow:4px 4px  
4px 4px #00D1BE; box-shadow:4px 4px 4px  
4px #00D1BE }
```

Background

The CSS property to change the background color of an element to Hex 00D1BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D1BE }
```

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

```
.background{ background-color:#00D1BE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor