

Converting Colors

Hex(00D7BE)

Have a look what the booklet for
Hex(00D7BE) contains.

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Color

Hex(00D7BE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00D7BE |
| RGB | 0, 215, 190 |
| RGB Percent | 0%, 84%, 75% |
| CMY | 1.0000, 0.1569, 0.2549 |
| CMYK | 1.00, 0.00, 0.12, 0.16 |
| HSL | 173°, 100%, 42% |
| HSV | 173°, 100%, 84% |
| XYZ | 33.5947, 52.3186, 57.0431 |
| YIQ | 147.8650, -120.1150, -53.3550 |

Conversions

Conversions Part 2

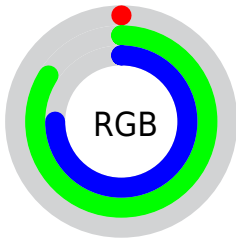
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 114, 215 |
| Decimal | 55230 |
| CIELab | 77.47, -49.37, -0.07 |
| CIELCh | 77, 49.372, 180.084 |
| Yxy | 52.3186, 0.2350, 0.3660 |
| Android (android.graphics.Color) | 4278245310 (0xFF00D7BE) |
| YUV | 147.8650, 20.7726, -129.6776 |
| Hunter-Lab | 72.3316, -43.6752, 3.8741 |

Details

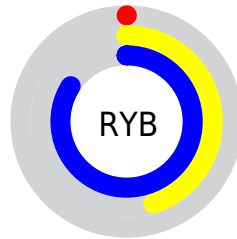
The Hex color **00D7BE** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D70019**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6BFFF6**, and **009F89** is the 20% darker color. If you saturate the color by 10%, you get **00D7BE**, and if you desaturate by 10%, it is **15D7C0**.

Distribution



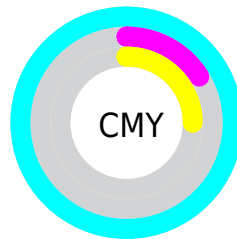
- Red (0%)
- Green (84%)
- Blue (75%)



- Red (0%)
- Yellow (45%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D7BE 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 00D7BE by changing the saturation by 10% instead.


 00D7BE

 00D7BE

FFFFFF

 00BBA3

 6BFFF6

 009F89

 8DFFFF

 00846F

 ADFFFF

 006A57

 CCFFFF

 005140

 EBFFFF

 00382A

 002216

 000000

 00D7BE

 15D7C0

 2BD7C3

 41D7C5

 56D7C8

 6CD7CB

 81D7CD

 97D7D0

 ACD7D2

 C2D7D5

Harmonies

Analogous

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



74D390



00D7BE



00D6EC

Triad

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



00D7BE



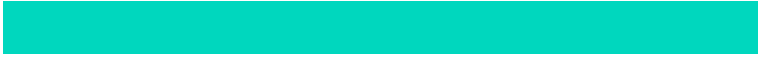
C3B3FF



FFAC71

Complementary

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



00D7BE



D70019

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.



FF9E94



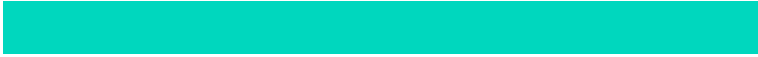
00D7BE



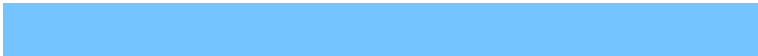
F8A3EE

Square

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



00D7BE



74C4FF



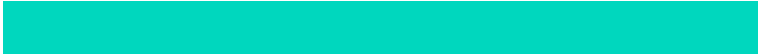
FF9AC1



DBBD62

Rectangle

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



00D7BE



00D3FF



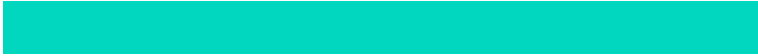
FF9AC1



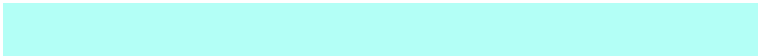
FFA77B

Sweetspot

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



00D7BE



B3FFF6



19D700



52807A



000000



808080

Same Dimension

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



00D7BE



00FFE1



0085D7



606B6A



00AB97



002B26

Inverse Universe

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



D70019



FF001E



D75200



6B6062



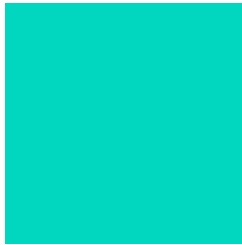
AB0014



2B0005

Previews

White Background



This preview shows how the Hex color 00D7BE looks on a white background.

Color Contrast Check

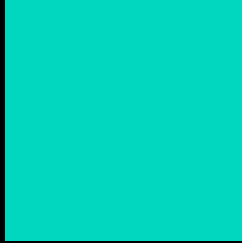
Large Text (above 18pt) WCAG AA × Fail

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 00D7BE 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

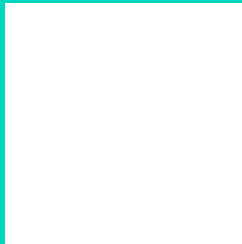
Any Text WCAG AAA ✓ Pass

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

Hex 00D7BE Background



This preview shows how black text looks on a background with the Hex color 00D7BE.

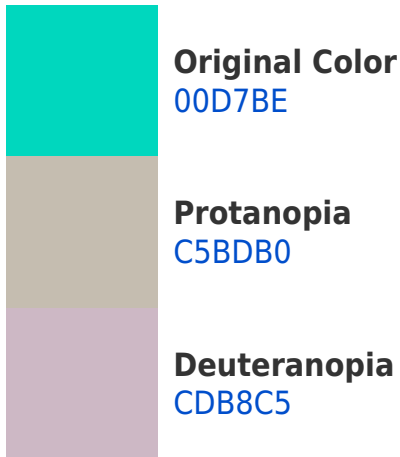


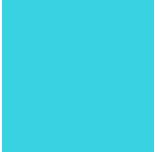
This preview shows how white text looks on a background with the Hex color 00D7BE.

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
39D2E3

Trichromacy



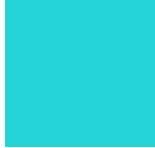
Original Color
00D7BE



Protanomaly
7DC6B5



Deuteranomaly
82C3C2



Tritanomaly
24D4D6

Monochromacy



Original Color
00D7BE



Achromatopsia
949494



Achromatomaly
5EACA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D7BE 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 #00D7BE looks like.

```
.text, #text, p{  
    color:#00D7BE  
}
```

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 #00D7BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D7BE
}
```

Border

The CSS property to change the border of an element to Hex 00D7BE 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
#00D7BE }
```

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

```
.border{ border-color:#00D7BE }
```

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

Here you see how a box with a 4 pixel #00D7BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D7BE; -webkit-box-shadow:4px 4px  
4px 4px #00D7BE; box-shadow:4px 4px 4px  
4px #00D7BE }
```

Background

The CSS property to change the background color of an element to Hex 00D7BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D7BE }
```

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

```
.background{ background-color:#00D7BE }
```

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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