

Converting Colors

Hex(00D8B8)

Have a look what the booklet for
Hex(00D8B8) contains.

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Color

Hex(00D8B8)

Conversions

Conversions Part 1

Format	Color
Hex	00D8B8
RGB	0, 216, 184
RGB Percent	0%, 85%, 72%
CMY	1.0000, 0.1529, 0.2784
CMYK	1.00, 0.00, 0.15, 0.15
HSL	171°, 100%, 42%
HSV	171°, 100%, 85%
XYZ	33.2076, 52.5724, 53.7447
YIQ	147.7680, -118.4640, -55.7440

Conversions

Conversions Part 2

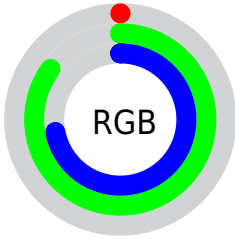
Format	Color
RYB	0, 117, 216
Decimal	55480
CIELab	77.62, -51.39, 3.36
CIElCh	78, 51.495, 176.262
Yxy	52.5724, 0.2380, 0.3768
Android (android.graphics.Color)	4278245560 (0xFF00D8B8)
YUV	147.7680, 17.8624, -129.5925
Hunter-Lab	72.5068, -45.1353, 6.8069

Details

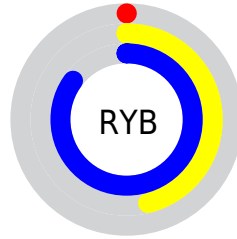
The Hex color **00D8B8** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D80020**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6BFFF0**, and **00A083** is the 20% darker color. If you saturate the color by 10%, you get **00D8B8**, and if you desaturate by 10%, it is **16D8BB**.

Distribution



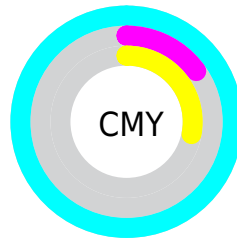
- Red (0%)
- Green (85%)
- Blue (72%)



- Red (0%)
- Yellow (46%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D8B8 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 00D8B8 by changing the saturation by 10% instead.

 00D8B8

 00D8B8

FFFFFF

 00BC9D

 6BFFF0

 00A083

 8CFFFF

 00856A

 ACFFFF

 006B52

 CCFFFF

 00513B

 EBFFFF

 003925

 002211

 000000

 00D8B8

 16D8BB

 2BD8BE

 41D8C2

 56D8C5

 6CD8C8

 82D8CB

 97D8CE

 ADD8D2

 C2D8D5

Harmonies

Analogous

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



78D389



00D8B8



00D8E9

Triad

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



00D8B8



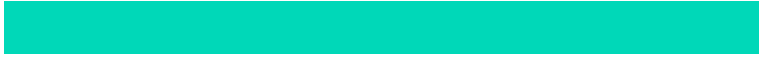
BBB6FF



FFAA72

Complementary

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



00D8B8



D80020

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.



FF9C98



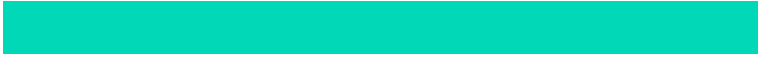
00D8B8



F6A4F6

Square

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



00D8B8



60C7FF



FF99C8



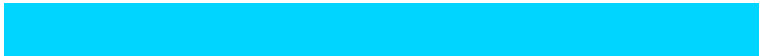
E2BB5E

Rectangle

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



00D8B8



00D5FF



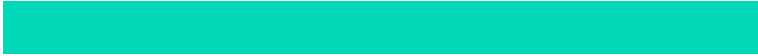
FF99C8



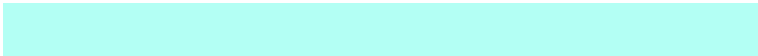
FFA47D

Sweetspot

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



00D8B8



B3FFF4



20D800



528079



000000



808080

Same Dimension

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



00D8B8



00FFD9



008CD8



606B6A



00AB92



002B25

Inverse Universe

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



D80020



FF0026



D84C00



6B6062



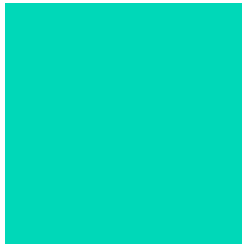
AB0019



2B0006

Previews

White Background



This preview shows how the Hex color 00D8B8 looks on a white background.

Color Contrast Check

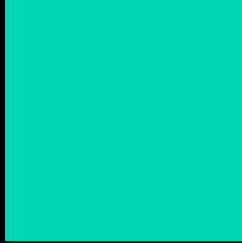
Large Text (above 18pt) WCAG AA × Fail

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 00D8B8 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

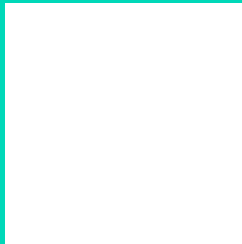
Any Text WCAG AAA ✓ Pass

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

Hex 00D8B8 Background



This preview shows how black text looks on a background with the Hex color 00D8B8.



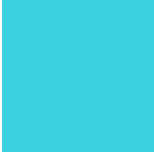
This preview shows how white text looks on a background with the Hex color 00D8B8.

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](#).

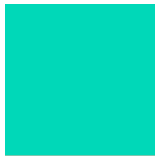
Dichromacy



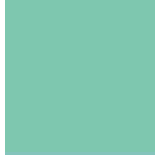


Tritanopia
3CD2E3

Trichromacy



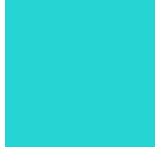
Original Color
00D8B8



Protanomaly
7EC7AF

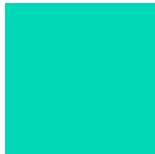


Deuteranomaly
84C4BC



Tritanomaly
26D4D3

Monochromacy



Original Color
00D8B8



Achromatopsia
949494



Achromatomaly
5EADA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D8B8 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 #00D8B8 looks like.

```
.text, #text, p{  
    color:#00D8B8  
}
```

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 #00D8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D8B8
}
```

Border

The CSS property to change the border of an element to Hex 00D8B8 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
#00D8B8 }
```

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

```
.border{ border-color:#00D8B8 }
```

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

Here you see how a box with a 4 pixel #00D8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D8B8; -webkit-box-shadow:4px 4px  
4px 4px #00D8B8; box-shadow:4px 4px 4px  
4px #00D8B8 }
```

Background

The CSS property to change the background color of an element to Hex 00D8B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D8B8 }
```

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

```
.background{ background-color:#00D8B8 }
```

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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