

Converting Colors

Hex(00D1B3)

Have a look what the booklet for
Hex(00D1B3) contains.

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Color

Hex(00D1B3)

Conversions

Conversions Part 1

Format	Color
Hex	00D1B3
RGB	0, 209, 179
RGB Percent	0%, 82%, 70%
CMY	1.0000, 0.1804, 0.2980
CMYK	1.00, 0.00, 0.14, 0.18
HSL	171°, 100%, 41%
HSV	171°, 100%, 82%
XYZ	30.9371, 48.8556, 50.4473
YIQ	143.0890, -114.9340, -53.6380

Conversions

Conversions Part 2

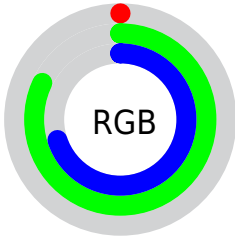
Format	Color
RYB	0, 113, 209
Decimal	53683
CIELab	75.36, -49.86, 2.76
CIELCh	75, 49.935, 176.831
Yxy	48.8556, 0.2375, 0.3751
Android (android.graphics.Color)	4278243763 (0xFF00D1B3)
YUV	143.0890, 17.7041, -125.4891
Hunter-Lab	69.8968, -43.3131, 6.1357

Details

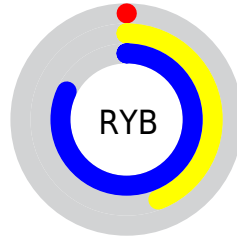
The Hex color **00D1B3** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D1001E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **69FFEB**, and **00997E** is the 20% darker color. If you saturate the color by 10%, you get **00D1B3**, and if you desaturate by 10%, it is **15D1B6**.

Distribution



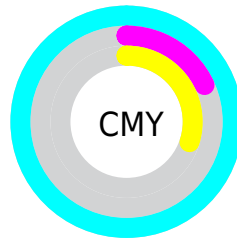
- Red (0%)
- Green (82%)
- Blue (70%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D1B3 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 00D1B3 by changing the saturation by 10% instead.

 00D1B3

 00D1B3

FFFFFF

 00B598

 69FFEB

 00997E

 8AFFFF

 007F65

 AAFFFF

 00654E

 C9FFFF

 004B37

 E8FFFF

 003422

 001C0C

 000000

 00D1B3

 15D1B6

 2AD1B9

 3FD1BC

 54D1BF

 69D1C2

 7DD1C5

 92D1C8

 A7D1CB

 BCD1CE

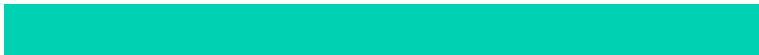
Harmonies

Analogous

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



74CD85



00D1B3



00D1E2

Triad

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



00D1B3



B6AFFF



FDA56E

Complementary

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



00D1B3



D1001E

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.



FF9793



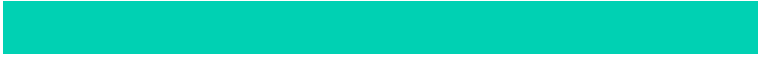
00D1B3



EE9EED

Square

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



00D1B3



60C0FF



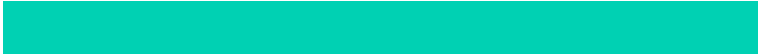
FF94C0



DAB55C

Rectangle

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



00D1B3



00CEFC



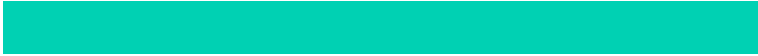
FF94C0



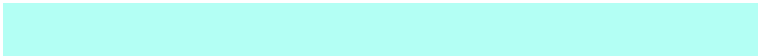
FF9F78

Sweetspot

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



00D1B3



B3FFF4



1FD100



528079



000000



808080

Same Dimension

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



00D1B3



00FFDA



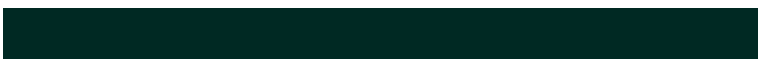
0088D1



5E6967



00A890



002923

Inverse Universe

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



D1001E



FF0025



D14900



695E60



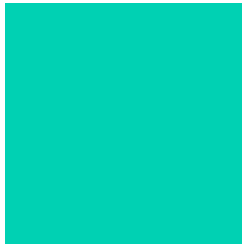
A80018



290006

Previews

White Background



This preview shows how the Hex color 00D1B3 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 00D1B3 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

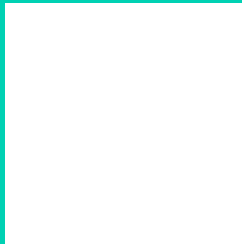
Any Text WCAG AAA ✓ Pass

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

Hex 00D1B3 Background



This preview shows how black text looks on a background with the Hex color 00D1B3.



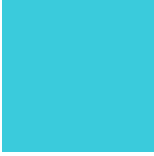
This preview shows how white text looks on a background with the Hex color 00D1B3.

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





Trichromacy



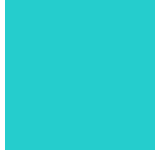
Original Color
00D1B3



Protanomaly
7AC1AA



Deuteranomaly
80BDB7



Tritanomaly
25CDCD

Monochromacy



Original Color
00D1B3



Achromatopsia
8F8F8F



Achromatomaly
5BA79C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D1B3 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 #00D1B3 looks like.

```
.text, #text, p{  
    color:#00D1B3  
}
```

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 #00D1B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D1B3
}
```

Border

The CSS property to change the border of an element to Hex 00D1B3 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
#00D1B3 }
```

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

```
.border{ border-color:#00D1B3 }
```

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

Here you see how a box with a 4 pixel #00D1B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D1B3; -webkit-box-shadow:4px 4px  
4px 4px #00D1B3; box-shadow:4px 4px 4px  
4px #00D1B3 }
```

Background

The CSS property to change the background color of an element to Hex 00D1B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D1B3 }
```

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

```
.background{ background-color:#00D1B3 }
```

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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