

Converting Colors

Hex(00D1B4)

Have a look what the booklet for
Hex(00D1B4) contains.

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Color

Hex(00D1B4)

Conversions

Conversions Part 1

Format	Color
Hex	00D1B4
RGB	0, 209, 180
RGB Percent	0%, 82%, 71%
CMY	1.0000, 0.1804, 0.2941
CMYK	1.00, 0.00, 0.14, 0.18
HSL	172°, 100%, 41%
HSV	172°, 100%, 82%
XYZ	31.0387, 48.8962, 50.9820
YIQ	143.2030, -115.2550, -53.3270

Conversions

Conversions Part 2

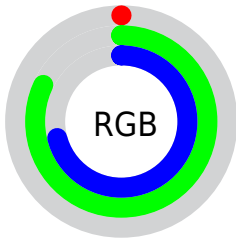
Format	Color
RYB	0, 112, 209
Decimal	53684
CIELab	75.39, -49.59, 2.26
CIELCh	75, 49.643, 177.391
Yxy	48.8962, 0.2371, 0.3735
Android (android.graphics.Color)	4278243764 (0xFF00D1B4)
YUV	143.2030, 18.1409, -125.5890
Hunter-Lab	69.9258, -43.1376, 5.7205

Details

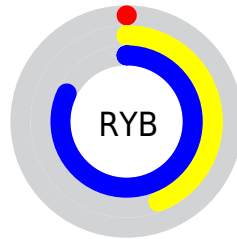
The Hex color **00D1B4** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D1001D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **69FFEC**, and **00997F** is the 20% darker color. If you saturate the color by 10%, you get **00D1B4**, and if you desaturate by 10%, it is **15D1B7**.

Distribution



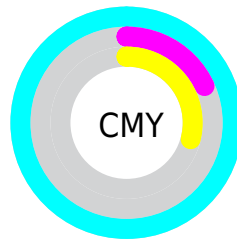
- Red (0%)
- Green (82%)
- Blue (71%)



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



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



- Cyan (100%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D1B4 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 00D1B4 by changing the saturation by 10% instead.

 00D1B4

 00D1B4

FFFFFF

 00B599

 69FFEC

 00997F

 8AFFFF

 007F66

 AAFFFF

 00654E

 C9FFFF

 004C38

 E8FFFF

 003422

 001C0D

 000000

 00D1B4

 15D1B7

 2AD1BA

 3FD1BD

 54D1C0

 69D1C2

 7DD1C5

 92D1C8

 A7D1CB

 BCD1CE

Harmonies

Analogous

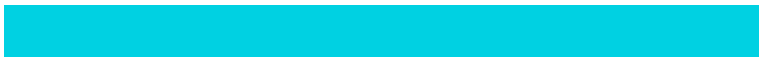
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73CD87



00D1B4



00D1E2

Triad

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



00D1B4



B7AFFF



FCA56E

Complementary

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



00D1B4



D1001D

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.



FF9892



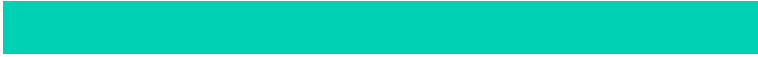
00D1B4



EF9EEC

Square

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



00D1B4



63C0FF



FF94C0



D9B65C

Rectangle

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



00D1B4



00CEFC



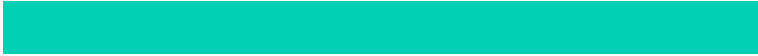
FF94C0



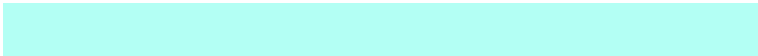
FFA078

Sweetspot

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



00D1B4



B3FFF4



1FD100



528079



000000



808080

Same Dimension

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



00D1B4



00FFDC



0088D1



5E6967



00A891



002923

Inverse Universe

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



D1001D



FF0023



D14900



695E60



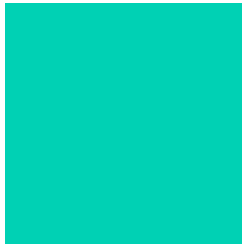
A80017



290006

Previews

White Background



This preview shows how the Hex color 00D1B4 looks on a white background.

Color Contrast Check

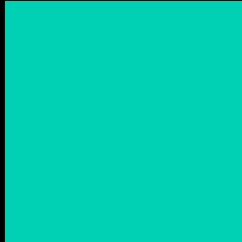
Large Text (above 18pt) WCAG AA × Fail

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 00D1B4 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

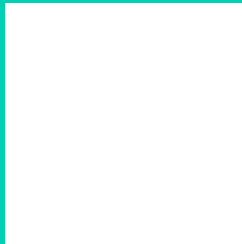
Any Text WCAG AAA ✓ Pass

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

Hex 00D1B4 Background



This preview shows how black text looks on a background with the Hex color 00D1B4.



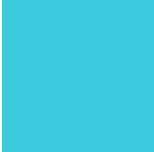
This preview shows how white text looks on a background with the Hex color 00D1B4.

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



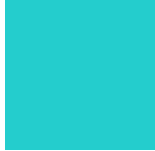
Original Color
00D1B4



Protanomaly
7AC1AB



Deuteranomaly
80BDB8

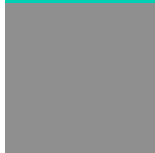


Tritanomaly
24CDCE

Monochromacy



Original Color
00D1B4



Achromatopsia
8F8F8F



Achromatomaly
5BA79C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D1B4 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 #00D1B4 looks like.

```
.text, #text, p{  
    color:#00D1B4  
}
```

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 #00D1B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D1B4
}
```

Border

The CSS property to change the border of an element to Hex 00D1B4 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
#00D1B4 }
```

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

```
.border{ border-color:#00D1B4 }
```

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

Here you see how a box with a 4 pixel #00D1B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D1B4; -webkit-box-shadow:4px 4px  
4px 4px #00D1B4; box-shadow:4px 4px 4px  
4px #00D1B4 }
```

Background

The CSS property to change the background color of an element to Hex 00D1B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D1B4 }
```

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

```
.background{ background-color:#00D1B4 }
```

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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