

# Converting Colors

Hex(00D9B1)

Have a look what the booklet for  
Hex(00D9B1) contains.

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**Color**

**Hex(00D9B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D9B1
RGB	0, 217, 177
RGB Percent	0%, 85%, 69%
CMY	1.0000, 0.1490, 0.3059
CMYK	1.00, 0.00, 0.18, 0.15
HSL	169°, 100%, 43%
HSV	169°, 100%, 85%
XYZ	32.7487, 52.8000, 50.0604
YIQ	147.5570, -116.4920, -58.4440

# Conversions

## Conversions Part 2

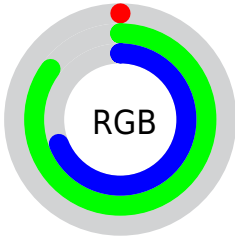
Format	Color
<a href="#">RYB</a>	<a href="#">0, 120, 217</a>
Decimal	<a href="#">55729</a>
CIELab	<a href="#">77.76, -53.60, 7.29</a>
CIELCh	<a href="#">78, 54.090, 172.257</a>
Yxy	<a href="#">52.8000, 0.2415, 0.3894</a>
Android (android.graphics.Color)	<a href="#">4278245809</a> ( <a href="#">0xFF00D9B1</a> )
YUV	<a href="#">147.5570, 14.5154, -129.4075</a>
Hunter-Lab	<a href="#">72.6636, -46.7134, 10.0177</a>

# Details

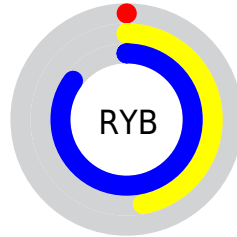
The Hex color **00D9B1** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D90028**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6BFFE9**, and **00A17C** is the 20% darker color. If you saturate the color by 10%, you get **00D9B1**, and if you desaturate by 10%, it is **16D9B5**.

# Distribution



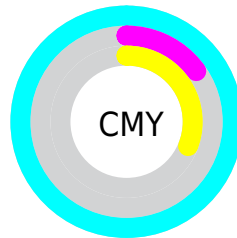
- Red (0%)
- Green (85%)
- Blue (69%)



- Red (0%)
- Yellow (47%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D9B1 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 00D9B1 by changing the saturation by 10% instead.



 00D9B1

 00D9B1

FFFFFF

 00BD96

 6BFFE9

 00A17C

 8CFFF

 008664

 ACFFF

 006C4C

 CBFFF

 005235

 EBFFF

 003920

 002209

 000000

 00D9B1

 16D9B5

 2BD9B9

 41D9BD

 57D9C1

 6DD9C5

 82D9C9

 98D9CD

 AED9D1

 C3D9D5

# Harmonies

## Analogous

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



7ED381



00D9B1



00DAE5

# Triad

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



00D9B1



AFB8FF



FFA772

# Complementary

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



00D9B1



D90028

# 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.



FF989D



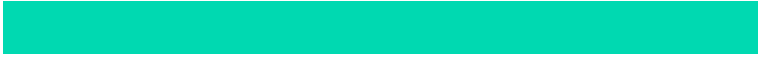
00D9B1



F2A5FE

# Square

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



00D9B1



40C9FF



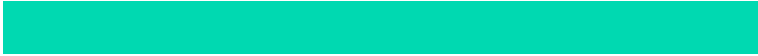
FF97CF



E9B95A

# Rectangle

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



00D9B1



00D7FF



FF97CF



FFA17F

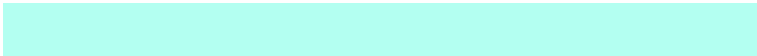


# Sweetspot

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



00D9B1



B3FFF1



2BD900



528077



000000

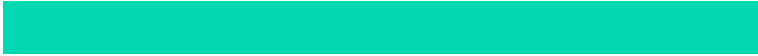


808080



# Same Dimension

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



00D9B1



00FFD0



0098D9



636E6C



00AD8D



002E25



# Inverse Universe

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



D90028



FF002F



D94100



6E6365



AD0020

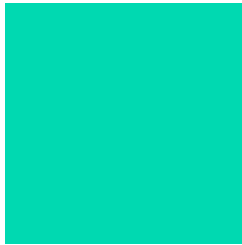


2E0008



# Previews

## White Background



This preview shows how the Hex color 00D9B1 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 00D9B1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

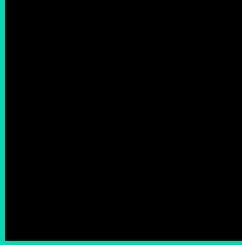
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

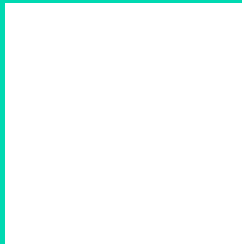
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00D9B1 Background



This preview shows how black text looks on a background with the Hex color 00D9B1.



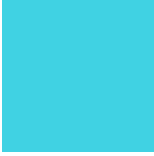
This preview shows how white text looks on a background with the Hex color 00D9B1.

# 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](#).

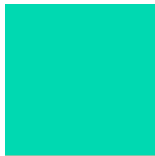
## Dichromacy





**Tritanopia**  
40D2E3

# Trichromacy



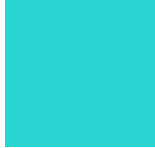
**Original Color**  
00D9B1



**Protanomaly**  
7FC8A8

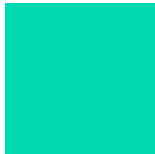


**Deuteranomaly**  
86C4B5



**Tritanomaly**  
29D5D1

# Monochromacy



**Original Color**  
00D9B1



**Achromatopsia**  
949494



**Achromatomaly**  
5EAD9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D9B1 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 #00D9B1 looks like.

```
.text, #text, p{  
    color:#00D9B1  
}
```

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 #00D9B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D9B1  
}
```

## Border

The CSS property to change the border of an element to Hex 00D9B1 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  
#00D9B1 }
```

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

```
.border{ border-color:#00D9B1 }
```

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

Here you see how a box with a 4 pixel #00D9B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D9B1; -webkit-box-shadow:4px 4px  
4px 4px #00D9B1; box-shadow:4px 4px 4px  
4px #00D9B1 }
```

# Background

The CSS property to change the background color of an element to Hex 00D9B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D9B1 }
```

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

```
.background{ background-color:#00D9B1 }
```

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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