

# Converting Colors

Hex(00D98D)

Have a look what the booklet for  
Hex(00D98D) contains.

<b>Hex(00D98D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(00D98D)

# Conversions

## Conversions Part 1

Format	Color
Hex	00D98D
RGB	0, 217, 141
RGB Percent	0%, 85%, 55%
CMY	1.0000, 0.1490, 0.4471
CMYK	1.00, 0.00, 0.35, 0.15
HSL	159°, 100%, 43%
HSV	159°, 100%, 85%
XYZ	29.6206, 51.5488, 33.5881
YIQ	143.4530, -104.9360, -69.6400

# Conversions

## Conversions Part 2

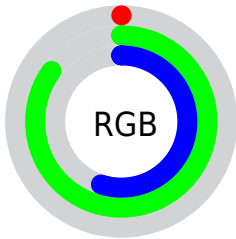
Format	Color
<a href="#">RYB</a>	<a href="#">0, 132, 217</a>
Decimal	<a href="#">55693</a>
CIELab	<a href="#">77.01, -61.92, 25.23</a>
CIELCh	<a href="#">77, 66.857, 157.832</a>
Yxy	<a href="#">51.5488, 0.2581, 0.4492</a>
Android (android.graphics.Color)	<a href="#">4278245773</a> ( <a href="#">0xFF00D98D</a> )
YUV	<a href="#">143.4530, -1.2093, -125.8083</a>
Hunter-Lab	<a href="#">71.7975, -52.0041, 22.5214</a>

# Details

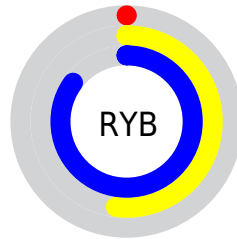
The Hex color **00D98D** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D9004C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **69FFC3**, and **00A15A** is the 20% darker color. If you saturate the color by 10%, you get **00D98D**, and if you desaturate by 10%, it is **16D995**.

# Distribution



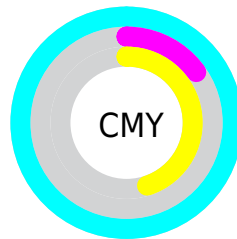
- Red (0%)
- Green (85%)
- Blue (55%)



- Red (0%)
- Yellow (52%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D98D 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 00D98D by changing the saturation by 10% instead.



 00D98D

 00D98D

FFFFFF

 00BC73

 69FFC3

 00A15A

 8AFFDF

 008542

 AAFFFC

 006B2B

 C9FFFF

 005115

 E8FFFF

 003900

 002000

 000000

 00D98D

 16D995

 2BD99C

 41D9A4

 57D9AB

 6DD9B3

 82D9BB

 98D9C2

 AED9CA

 C3D9D1

# Harmonies

## Analogous

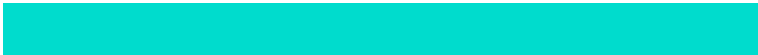
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8ED056



00D98D



00DCCD

# Triad

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



00D98D



60C0FF



FF9275

# Complementary

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



00D98D



D9004C

# 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.



FF85B0



00D98D



D7A7FF

# Square

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



00D98D



00D1FF



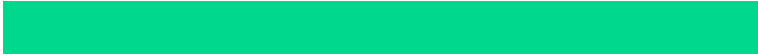
FF8FEE



FFAA48

# Rectangle

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



00D98D



00DCF6



FF8FEE



FF8C88

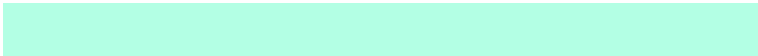


# Sweetspot

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



00D98D



B3FFE4



50D900



52806F



000000



808080



# Same Dimension

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



00D98D



00FFA6



00BCD9



636E6A



00AD71



002E1E



# Inverse Universe

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



D9004C



FF0059



D91D00



6E6367



AD003D

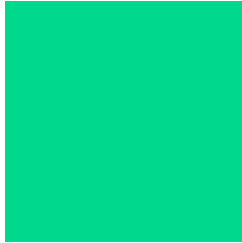


2E0010



# Previews

## White Background



This preview shows how the Hex color 00D98D 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 00D98D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

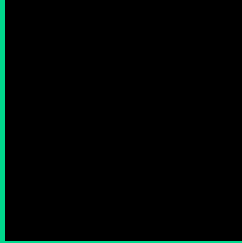
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00D98D Background



This preview shows how black text looks on a background with the Hex color 00D98D.

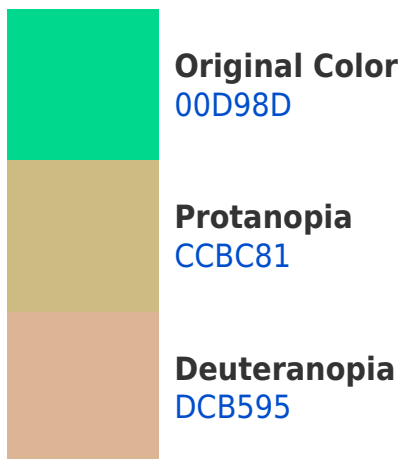


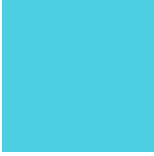
This preview shows how white text looks on a background with the Hex color 00D98D.

# 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**  
4CCFE0

# Trichromacy



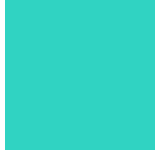
**Original Color**  
00D98D



**Protanomaly**  
82C785



**Deuteranomaly**  
8CC292



**Tritanomaly**  
30D3C2

# Monochromacy



**Original Color**  
00D98D



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
5BAA8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D98D 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 #00D98D looks like.

```
.text, #text, p{  
    color:#00D98D  
}
```

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 #00D98D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D98D
}
```

## Border

The CSS property to change the border of an element to Hex 00D98D 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
#00D98D }
```

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

```
.border{ border-color:#00D98D }
```

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

Here you see how a box with a 4 pixel #00D98D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D98D; -webkit-box-shadow:4px 4px  
4px 4px #00D98D; box-shadow:4px 4px 4px  
4px #00D98D }
```

# Background

The CSS property to change the background color of an element to Hex 00D98D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D98D }
```

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

```
.background{ background-color:#00D98D }
```

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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