

# Converting Colors

Hex(00D9C7)

Have a look what the booklet for  
Hex(00D9C7) contains.

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**Color**

**Hex(00D9C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D9C7
RGB	0, 217, 199
RGB Percent	0%, 85%, 78%
CMY	1.0000, 0.1490, 0.2196
CMYK	1.00, 0.00, 0.08, 0.15
HSL	175°, 100%, 43%
HSV	175°, 100%, 85%
XYZ	35.1217, 53.7492, 62.5564
YIQ	150.0650, -123.5540, -51.6020

# Conversions

## Conversions Part 2

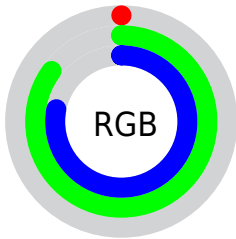
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 217
Decimal	55751
CIELab	78.32, -47.73, -3.65
CIELCh	78, 47.874, 184.375
Yxy	53.7492, 0.2319, 0.3550
Android (android.graphics.Color)	4278245831 (0xFF00D9C7)
YUV	150.0650, 24.1250, -131.6070
Hunter-Lab	73.3139, -42.7873, 0.7295

# Details

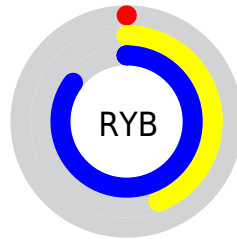
The Hex color **00D9C7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D90012**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6CFFFF**, and **00A191** is the 20% darker color. If you saturate the color by 10%, you get **00D9C7**, and if you desaturate by 10%, it is **16D9C9**.

# Distribution



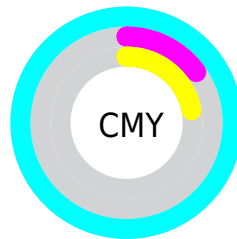
- Red (0%)
- Green (85%)
- Blue (78%)



- Red (0%)
- Yellow (44%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D9C7 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 00D9C7 by changing the saturation by 10% instead.



 00D9C7

 00D9C7

FFFFFF

 00BDAC

 6CFFFF

 00A191

 8EFFFF

 008678

 AEFFFF

 006C5F

 CEFFFF

 005347

 EDFFFF

 003A31

 00241C

 000002

 000000

 00D9C7

 16D9C9

 2BD9CB

 41D9CC

 57D9CE

 6DD9D0

 82D9D2

 98D9D4

 AED9D5

 C3D9D7

# Harmonies

## Analogous

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



70D69A



00D9C7



00D7F3

# Triad

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



00D9C7



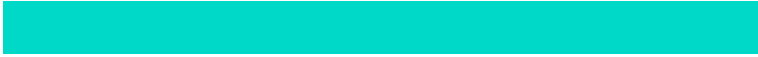
CFB4FF



FDB272

# Complementary

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



00D9C7



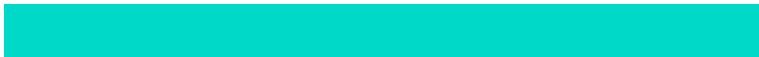
D90012

# 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.



FFA392



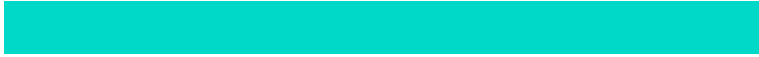
00D9C7



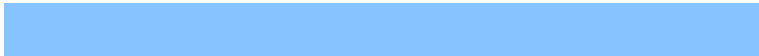
FFA4E9

# Square

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



00D9C7



87C4FF



FF9EBD



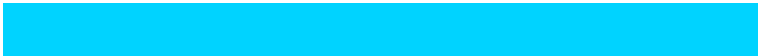
D7C167

# Rectangle

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



00D9C7



00D3FF



FF9EBD



FFAC7B

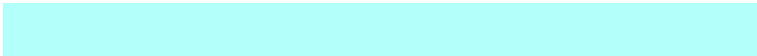


# Sweetspot

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



00D9C7



B3FFF9



12D900



52807C



000000

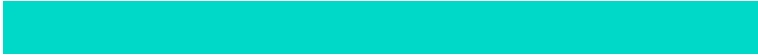


808080



# Same Dimension

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



00D9C7



00FFEA



007FD9



636E6D



00AD9F



002E2A



# Inverse Universe

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



D90012



FF0015



D95A00



6E6364



AD000E

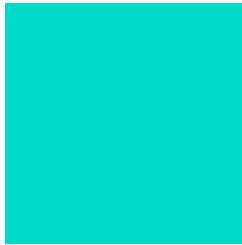


2E0004



# Previews

## White Background



This preview shows how the Hex color 00D9C7 looks on a white background.

## Color Contrast Check

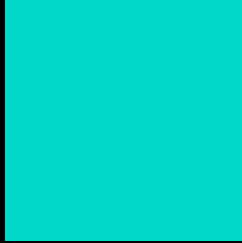
Large Text (above 18pt) WCAG AA × Fail

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 00D9C7 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

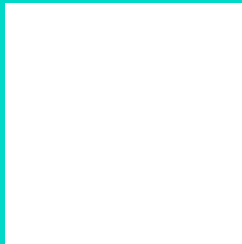
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00D9C7 Background



This preview shows how black text looks on a background with the Hex color 00D9C7.



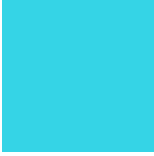
This preview shows how white text looks on a background with the Hex color 00D9C7.

# 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](#).

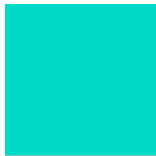
## Dichromacy





**Tritanopia**  
35D4E6

# Trichromacy



**Original Color**  
00D9C7



**Protanomaly**  
7DC8BD



**Deuteranomaly**  
82C6CB



**Tritanomaly**  
22D6DB

# Monochromacy



**Original Color**  
00D9C7



**Achromatopsia**  
969696



**Achromatomaly**  
5FAEA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D9C7 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 #00D9C7 looks like.

```
.text, #text, p{  
    color:#00D9C7  
}
```

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 #00D9C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D9C7
}
```

## Border

The CSS property to change the border of an element to Hex 00D9C7 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
#00D9C7 }
```

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

```
.border{ border-color:#00D9C7 }
```

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

Here you see how a box with a 4 pixel #00D9C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D9C7; -webkit-box-shadow:4px 4px  
4px 4px #00D9C7; box-shadow:4px 4px 4px  
4px #00D9C7 }
```

# Background

The CSS property to change the background color of an element to Hex 00D9C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D9C7 }
```

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

```
.background{ background-color:#00D9C7 }
```

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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