

# Converting Colors

Hex(00D297)

Have a look what the booklet for  
Hex(00D297) contains.

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**Color**

**Hex(00D297)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D297
RGB	0, 210, 151
RGB Percent	0%, 82%, 59%
CMY	1.0000, 0.1765, 0.4078
CMYK	1.00, 0.00, 0.28, 0.18
HSL	163°, 100%, 41%
HSV	163°, 100%, 82%
XYZ	28.6325, 48.3276, 37.0972
YIQ	140.4840, -106.2210, -62.8690

# Conversions

## Conversions Part 2

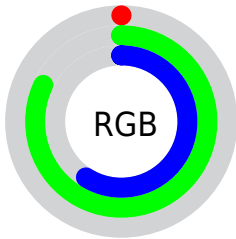
Format	Color
<a href="#">RYB</a>	<a href="#">0, 122, 210</a>
Decimal	<a href="#">53911</a>
CIELab	<a href="#">75.03, -57.20, 17.26</a>
CIELCh	<a href="#">75, 59.744, 163.205</a>
Yxy	<a href="#">48.3276, 0.2510, 0.4237</a>
Android (android.graphics.Color)	<a href="#">4278243991 (0xFF00D297)</a>
YUV	<a href="#">140.4840, 5.1844, -123.2045</a>
Hunter-Lab	<a href="#">69.5180, -48.1374, 17.0234</a>

# Details

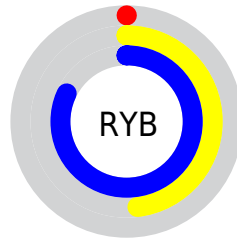
The Hex color **00D297** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D2003B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **68FFCD**, and **009A64** is the 20% darker color. If you saturate the color by 10%, you get **00D297**, and if you desaturate by 10%, it is **15D29D**.

# Distribution



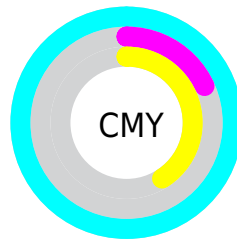
- Red (0%)
- Green (82%)
- Blue (59%)



- Red (0%)
- Yellow (48%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D297 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 00D297 by changing the saturation by 10% instead.



 00D297

 00D297

FFFFFF

 00B67D

 68FFCD

 009A64

 88FFEA

 007F4C

 A8FFFF

 006535

 C7FFFF

 004B1F

 E6FFFF

 003409

 001A00

 000000

 00D297

 15D29D

 2AD2A3

 3FD2A9

 54D2AF

 69D2B5

 7ED2BA

 93D2C0

 A8D2C6

 BDD2CC

# Harmonies

## Analogous

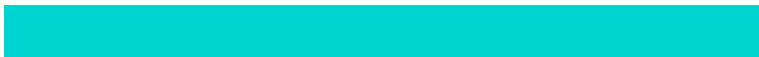
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83CB65



00D297



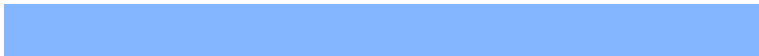
00D4D0

# Triad

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



00D297



84B6FF



FF9670

# Complementary

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



00D297



D2003B

# 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.



FF89A2



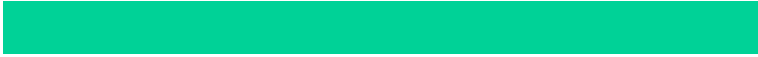
00D297



DCA0FF

# Square

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



00D297



00C7FF



FF8DDA



F1AB4D

# Rectangle

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



00D297



00D3F3



FF8DDA

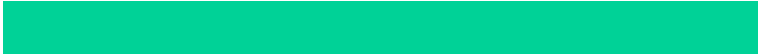


FF907F

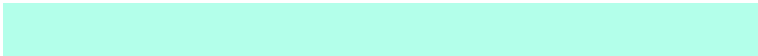


# Sweetspot

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



00D297



B3FFEA



3CD200



528073



000000

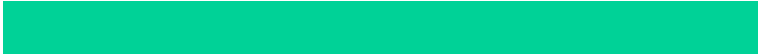


808080



# Same Dimension

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



00D297



00FFB7



00A4D2



5E6966



00A879



00291D



# Inverse Universe

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



D2003B



FF0048



D22E00



695E61



A8002F

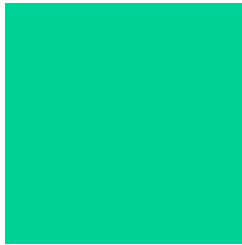


29000B



# Previews

## White Background



This preview shows how the Hex color 00D297 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 00D297 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

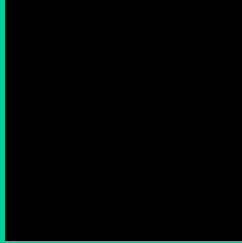
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00D297 Background



This preview shows how black text looks on a background with the Hex color 00D297.



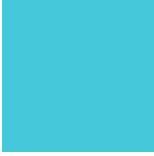
This preview shows how white text looks on a background with the Hex color 00D297.

# 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**  
45C9DA

# Trichromacy



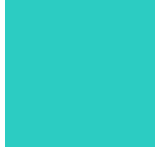
**Original Color**  
00D297



**Protanomaly**  
7DC18F

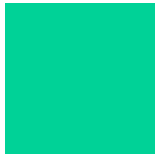


**Deuteranomaly**  
86BC9B



**Tritanomaly**  
2CCCC2

# Monochromacy



**Original Color**  
00D297



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
59A590

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D297 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 #00D297 looks like.

```
.text, #text, p{  
    color:#00D297  
}
```

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 #00D297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D297
}
```

## Border

The CSS property to change the border of an element to Hex 00D297 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
#00D297 }
```

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

```
.border{ border-color:#00D297 }
```

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

Here you see how a box with a 4 pixel #00D297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D297; -webkit-box-shadow:4px 4px  
4px 4px #00D297; box-shadow:4px 4px 4px  
4px #00D297 }
```

# Background

The CSS property to change the background color of an element to Hex 00D297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D297 }
```

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

```
.background{ background-color:#00D297 }
```

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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