

# Converting Colors

Hex(00D285)

Have a look what the booklet for  
Hex(00D285) contains.

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**Color**

**Hex(00D285)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D285
RGB	0, 210, 133
RGB Percent	0%, 82%, 52%
CMY	1.0000, 0.1765, 0.4784
CMYK	1.00, 0.00, 0.37, 0.18
HSL	158°, 100%, 41%
HSV	158°, 100%, 82%
XYZ	27.2802, 47.7866, 29.9762
YIQ	138.4320, -100.4430, -68.4670

# Conversions

## Conversions Part 2

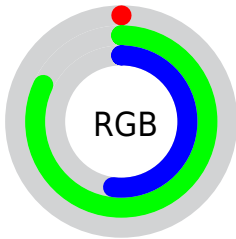
Format	Color
<b>RYB</b>	0, 129, 210
Decimal	53893
CIELab	74.69, -61.09, 26.25
CIElCh	75, 66.492, 156.743
Yxy	47.7866, 0.2597, 0.4549
Android (android.graphics.Color)	4278243973 (0xFF00D285)
YUV	138.4320, -2.6780, -121.4049
Hunter-Lab	69.1279, -50.5316, 22.6793

# Details

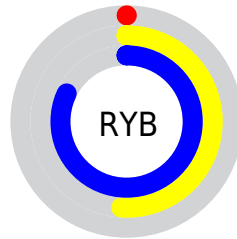
The Hex color **00D285** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D2004D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **67FFBB**, and **009A53** is the 20% darker color. If you saturate the color by 10%, you get **00D285**, and if you desaturate by 10%, it is **15D28D**.

# Distribution



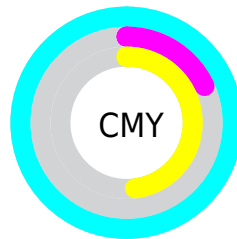
- Red (0%)
- Green (82%)
- Blue (52%)



- Red (0%)
- Yellow (51%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D285 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 00D285 by changing the saturation by 10% instead.



 00D285

 00D285

FFFFFF

 00B66B

 67FFBB

 009A53

 88FFD7

 007F3B

 A7FFF3

 006524

 C6FFFF

 004B0D

 E5FFFF

 003400

 001900

 000000

 00D285

 15D28D

 2AD294

 3FD29C

 54D2A4

 69D2AB

 7ED2B3

 93D2BB

 A8D2C3

 BDD2CA

# Harmonies

## Analogous

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



8BC94F



00D285



00D5C4

# Triad

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



00D285



50BAFF



FF8B72

# Complementary

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



00D285



D2004D

# 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.



FF7FAC



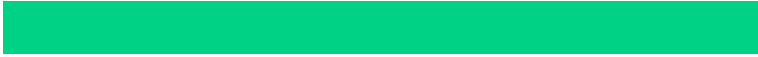
00D285



CDA2FF

# Square

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



00D285



00CBFF



FF89E9



FFA344

# Rectangle

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



00D285



00D5ED



FF89E9

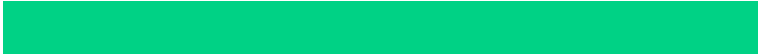


FF8584

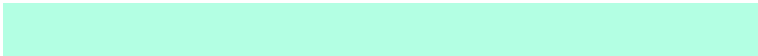


# Sweetspot

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



00D285



B3FFE3



4DD200



52806F



000000



808080



# Same Dimension

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



00D285



00FFA2



00B6D2



5E6965



00A86B



00291A



# Inverse Universe

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



D2004D



FF005E



D21C00



695E62



A8003E

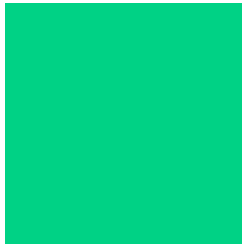


29000F



# Previews

## White Background



This preview shows how the Hex color 00D285 looks on a white background.

## Color Contrast Check

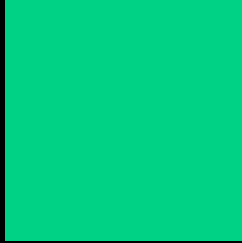
Large Text (above 18pt) WCAG AA × Fail

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 00D285 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

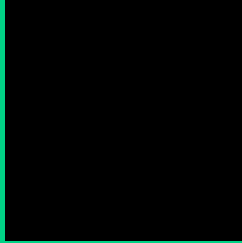
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00D285 Background



This preview shows how black text looks on a background with the Hex color 00D285.

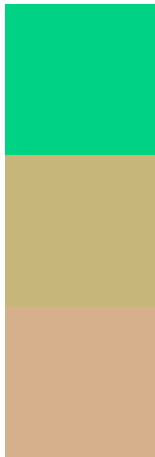


This preview shows how white text looks on a background with the Hex color 00D285.

# 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](#).

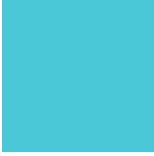
## Dichromacy



**Original Color**  
00D285

**Protanopia**  
C6B679

**Deuteranopia**  
D6AF8D



**Tritanopia**  
4AC8D8

# Trichromacy



**Original Color**  
00D285



**Protanomaly**  
7EC07D



**Deuteranomaly**  
88BC8A



**Tritanomaly**  
2FCCBA

# Monochromacy



**Original Color**  
00D285



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
58A488

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D285 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 #00D285 looks like.

```
.text, #text, p{  
    color:#00D285  
}
```

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 #00D285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D285
}
```

## Border

The CSS property to change the border of an element to Hex 00D285 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
#00D285 }
```

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

```
.border{ border-color:#00D285 }
```

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

Here you see how a box with a 4 pixel #00D285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D285; -webkit-box-shadow:4px 4px  
4px 4px #00D285; box-shadow:4px 4px 4px  
4px #00D285 }
```

# Background

The CSS property to change the background color of an element to Hex 00D285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D285 }
```

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

```
.background{ background-color:#00D285 }
```

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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