

Converting Colors

Hex(00D283)

Have a look what the booklet for
Hex(00D283) contains.

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Color

Hex(00D283)

Conversions

Conversions Part 1

Format	Color
Hex	00D283
RGB	0, 210, 131
RGB Percent	0%, 82%, 51%
CMY	1.0000, 0.1765, 0.4863
CMYK	1.00, 0.00, 0.38, 0.18
HSL	157°, 100%, 41%
HSV	157°, 100%, 82%
XYZ	27.1433, 47.7319, 29.2553
YIQ	138.2040, -99.8010, -69.0890

Conversions

Conversions Part 2

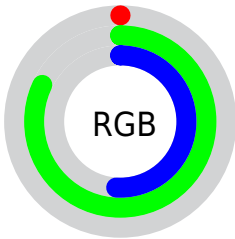
Format	Color
RYB	0, 129, 210
Decimal	53891
CIELab	74.66, -61.49, 27.25
CIELCh	75, 67.258, 156.102
Yxy	47.7319, 0.2607, 0.4584
Android (android.graphics.Color)	4278243971 (0xFF00D283)
YUV	138.2040, -3.5516, -121.2049
Hunter-Lab	69.0883, -50.7756, 23.2555

Details

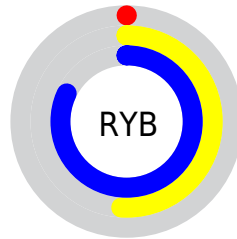
The Hex color **00D283** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D2004F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **67FFB9**, and **009A51** is the 20% darker color. If you saturate the color by 10%, you get **00D283**, and if you desaturate by 10%, it is **15D28B**.

Distribution



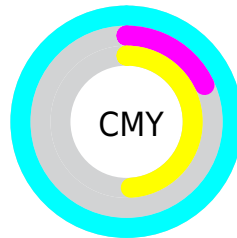
- Red (0%)
- Green (82%)
- Blue (51%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D283 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 00D283 by changing the saturation by 10% instead.

 00D283

 00D283

FFFFFF

 00B669

 67FFB9

 009A51

 88FFD4

 007F39

 A7FFF1

 006522

 C6FFFF

 004B0A

 E5FFFF

 003400

 001900

 000000

 00D283

 15D28B

 2AD293

 3FD29B

 54D2A3

 69D2AA

 7ED2B2

 93D2BA

 A8D2C2

 BDD2CA

Harmonies

Analogous

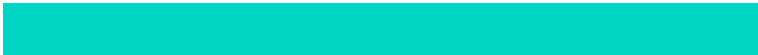
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CC94D



00D283



00D6C3

Triad

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



00D283



48BBFF



FF8A72

Complementary

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



00D283



D2004F

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.



FF7EAE



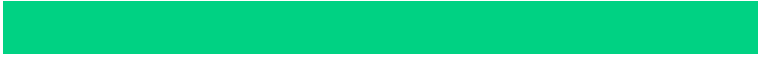
00D283



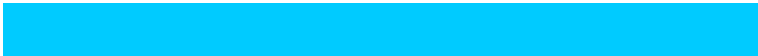
CBA2FF

Square

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



00D283



00CBFF



FF89EB



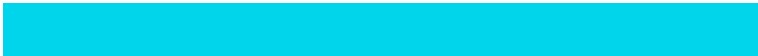
FFA243

Rectangle

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



00D283



00D5EC



FF89EB



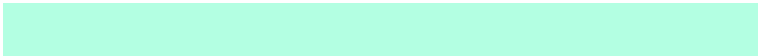
FF8485

Sweetspot

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



00D283



B3FFE2



50D200



52806E



000000



808080

Same Dimension

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



00D283



00FF9F



00B9D2



5E6965



00A869



002919

Inverse Universe

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



D2004F



FF0060



D21900



695E62



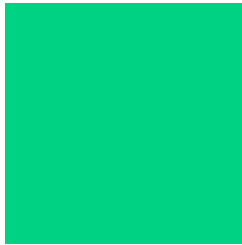
A8003F



29000F

Previews

White Background



This preview shows how the Hex color 00D283 looks on a white background.

Color Contrast Check

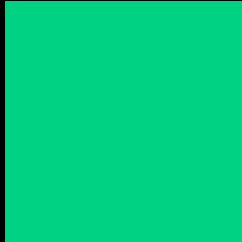
Large Text (above 18pt) WCAG AA × Fail

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 00D283 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 00D283 Background



This preview shows how black text looks on a background with the Hex color 00D283.

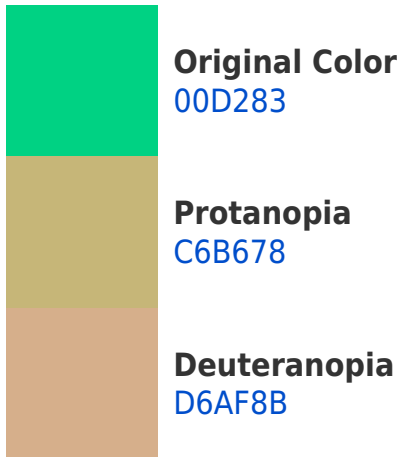


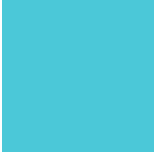
This preview shows how white text looks on a background with the Hex color 00D283.

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
4BC8D8

Trichromacy



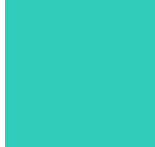
Original Color
00D283



Protanomaly
7EC07C



Deuteranomaly
88BC88



Tritanomaly
30CCB9

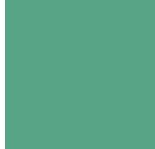
Monochromacy



Original Color
00D283



Achromatopsia
8A8A8A



Achromatomaly
58A487

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D283 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 #00D283 looks like.

```
.text, #text, p{  
    color:#00D283  
}
```

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 #00D283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D283
}
```

Border

The CSS property to change the border of an element to Hex 00D283 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
#00D283 }
```

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

```
.border{ border-color:#00D283 }
```

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

Here you see how a box with a 4 pixel #00D283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D283; -webkit-box-shadow:4px 4px  
4px 4px #00D283; box-shadow:4px 4px 4px  
4px #00D283 }
```

Background

The CSS property to change the background color of an element to Hex 00D283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D283 }
```

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

```
.background{ background-color:#00D283 }
```

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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