

Converting Colors

Hex(1CD981)

Have a look what the booklet for
Hex(1CD981) contains.

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Color

Hex(1CD981)

Conversions

Conversions Part 1

Format	Color
Hex	1CD981
RGB	28, 217, 129
RGB Percent	11%, 85%, 51%
CMY	0.8902, 0.1490, 0.4941
CMYK	0.87, 0.00, 0.41, 0.15
HSL	152°, 77%, 48%
HSV	152°, 87%, 85%
XYZ	29.2542, 51.4576, 29.1593
YIQ	150.4570, -84.3960, -67.4360

Conversions

Conversions Part 2

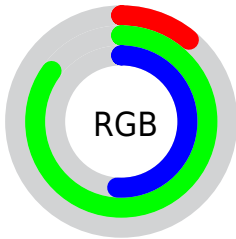
Format	Color
RYB	28, 151, 217
Decimal	1890689
CIELab	76.96, -63.08, 31.35
CIELCh	77, 70.444, 153.572
Yxy	51.4576, 0.2663, 0.4683
Android (android.graphics.Color)	4280080769 (0xFF1CD981)
YUV	150.4570, -10.5783, -107.3948
Hunter-Lab	71.7339, -52.7393, 26.1128

Details

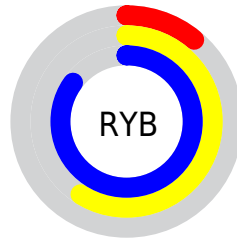
The Hex color **1CD981** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D91C74**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6FFB7**, and **00A14E** is the 20% darker color. If you saturate the color by 10%, you get **06D977**, and if you desaturate by 10%, it is **32D98B**.

Distribution



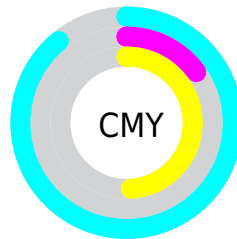
- Red (11%)
- Green (85%)
- Blue (51%)



- Red (11%)
- Yellow (59%)
- Blue (85%)



- Cyan (87%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)



- Cyan (89%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CD981 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 1CD981 by changing the saturation by 10% instead.

 1CD981

 1CD981

FFFFFF

 00BC67

 6FFFB7

 00A14E

 90FFD3

 008536

 AFFFEF

 006B1F

 CEFFFF

 005105

 EDFFFF

 003900

 002000

 000000

 1CD981

 1CD981

06D977

32D98B

00D974

47D995

5DD99F

73D9A9

88D9B4

9ED9BE

B4D9C8

CAD9D2

DFD9DC

Harmonies

Analogous

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



96CF49



1CD981



00DDC4

Triad

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



1CD981



20C3FF



FF8C7A

Complementary

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



1CD981



D91C74

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.



FF80B9



1CD981



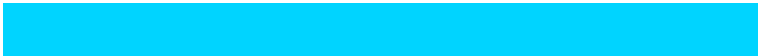
CAA9FF

Square

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



1CD981



00D4FF



FF8EF9



FFA546

Rectangle

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



1CD981



00DDF0



FF8EF9



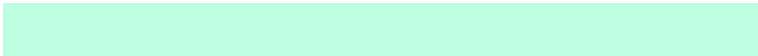
FF858E

Sweetspot

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



1CD981



BDFFE0



74D91C



58806D



000000



808080

Same Dimension

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



1CD981



00FF88



1CD3D9



636E69



00AD5D



002E19

Inverse Universe

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



D91C74



FF0077



D9221C



6E6368



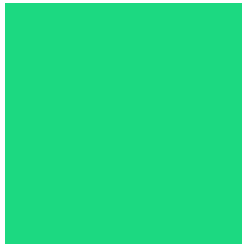
AD0051



2E0015

Previews

White Background



This preview shows how the Hex color 1CD981 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 1CD981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

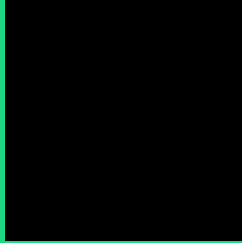
Any Text WCAG AA ✓ Pass

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 1CD981 Background



This preview shows how black text looks on a background with the Hex color 1CD981.

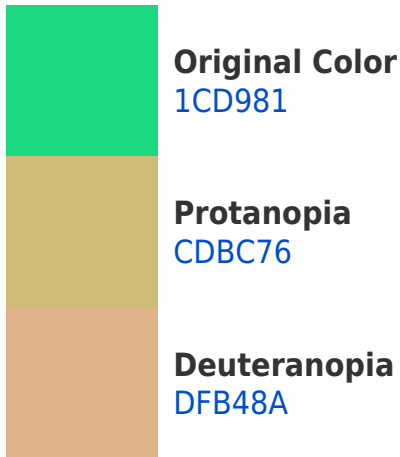


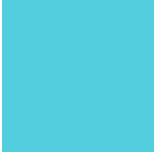
This preview shows how white text looks on a background with the Hex color 1CD981.

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](#).

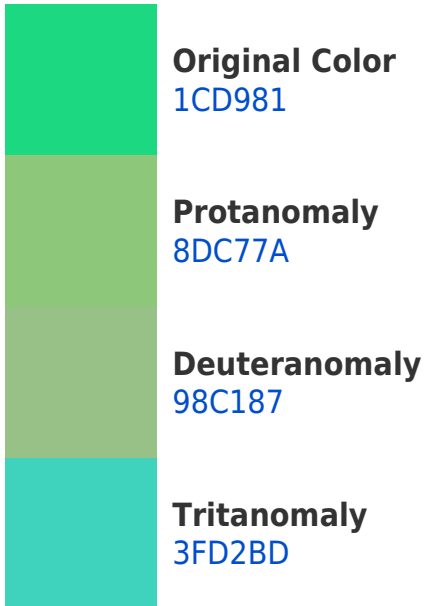
Dichromacy





Tritanopia
53CEDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1CD981 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 #1CD981 looks like.

```
.text, #text, p{  
    color:#1CD981  
}
```

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 #1CD981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CD981
}
```

Border

The CSS property to change the border of an element to Hex 1CD981 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
#1CD981 }
```

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

```
.border{ border-color:#1CD981 }
```

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

Here you see how a box with a 4 pixel #1CD981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CD981; -webkit-box-shadow:4px 4px  
4px 4px #1CD981; box-shadow:4px 4px 4px  
4px #1CD981 }
```

Background

The CSS property to change the background color of an element to Hex 1CD981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CD981 }
```

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

```
.background{ background-color:#1CD981 }
```

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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