

# Converting Colors

Hex(1CD683)

Have a look what the booklet for  
Hex(1CD683) contains.

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# Color

**Hex(1CD683)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CD683
RGB	28, 214, 131
RGB Percent	11%, 84%, 51%
CMY	0.8902, 0.1608, 0.4863
CMYK	0.87, 0.00, 0.39, 0.16
HSL	153°, 77%, 47%
HSV	153°, 87%, 84%
XYZ	28.6222, 49.9787, 29.6110
YIQ	148.9240, -84.2130, -65.2450

# Conversions

## Conversions Part 2

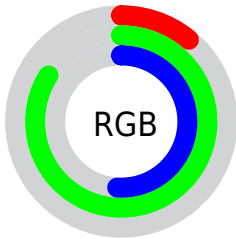
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">28, 148, 214</a>
Decimal	<a href="#">1889923</a>
CIELab	<a href="#">76.06, -61.66, 29.14</a>
CIELCh	<a href="#">76, 68.195, 154.703</a>
Yxy	<a href="#">49.9787, 0.2645, 0.4619</a>
Android (android.graphics.Color)	<a href="#">4280080003 (0xFF1CD683)</a>
YUV	<a href="#">148.9240, -8.8365, -106.0503</a>
Hunter-Lab	<a href="#">70.6956, -51.4489, 24.6532</a>

# Details

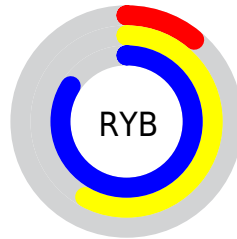
The Hex color **1CD683** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D61C6F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6FFFB9**, and **009E51** is the 20% darker color. If you saturate the color by 10%, you get **07D679**, and if you desaturate by 10%, it is **31D68D**.

# Distribution



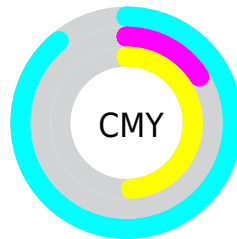
- Red (11%)
- Green (84%)
- Blue (51%)



- Red (11%)
- Yellow (58%)
- Blue (84%)



- Cyan (87%)
- Magenta (0%)
- Yellow (39%)
- Black (16%)



- Cyan (89%)
- Magenta (16%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CD683 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 1CD683 by changing the saturation by 10% instead.



 1CD683

 1CD683

FFFFFF

 00BA69


 6FFFB9

 009E51

 8FFFD5

 008339

 AEFFF1

 006821

 CDFFFF

 004F09

 ECFFFF

 003700

 001D00

 000000

 1CD683

 1CD683

■ 07D679

■ 31D68D

■ 00D677

■ 47D696

■ 5CD6A0

■ 72D6A9

■ 87D6B3

■ 9CD6BC

■ B2D6C6

■ C7D6CF

■ DDD6D9

# Harmonies

## Analogous

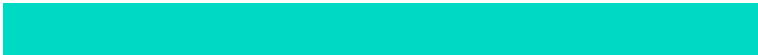
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92CC4C



1CD683



00DAC4

# Triad

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



1CD683



3DBFFF



FF8C77

# Complementary

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



1CD683



D61C6F

# 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.



FF81B4



1CD683



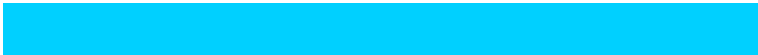
CBA7FF

# Square

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



1CD683



00D0FF



FF8DF3



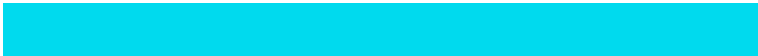
FFA447

# Rectangle

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



1CD683



00DAEE



FF8DF3



FF868B

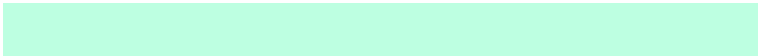


# Sweetspot

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



1CD683



BDFFE1



70D61C



58806E



000000



808080



# Same Dimension

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



1CD683



00FF8D



1CCDD6



606B66



00AB5F



002B18



# Inverse Universe

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



D61C6F



FF0072



D6251C



6B6065



AB004C

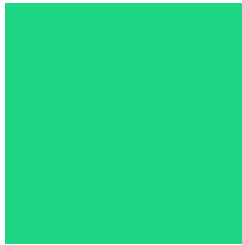


2B0013



# Previews

## White Background



This preview shows how the Hex color 1CD683 looks on a white background.

## Color Contrast Check

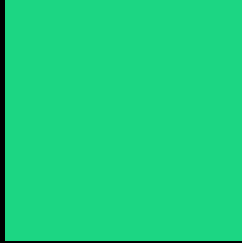
Large Text (above 18pt) WCAG AA × Fail

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 1CD683 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

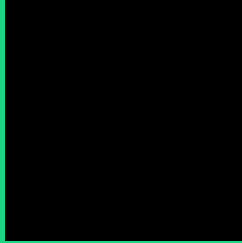
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1CD683 Background



This preview shows how black text looks on a background with the Hex color 1CD683.

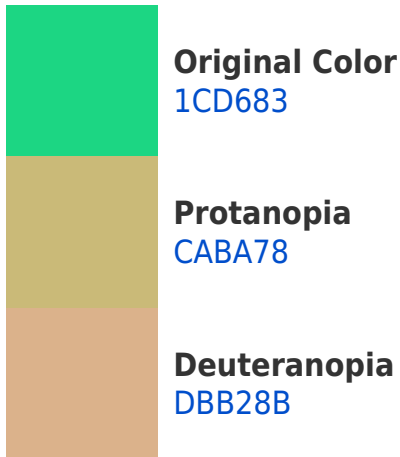


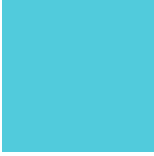
This preview shows how white text looks on a background with the Hex color 1CD683.

# 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





# Trichromacy



**Original Color**  
1CD683



**Protanomaly**  
8BC47C



**Deuteranomaly**  
96BF88



**Tritanomaly**  
3ECFBC

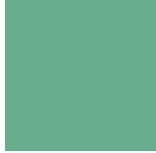
# Monochromacy



**Original Color**  
1CD683



**Achromatopsia**  
959595



**Achromatomaly**  
69AD8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CD683 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 #1CD683 looks like.

```
.text, #text, p{  
    color:#1CD683  
}
```

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 #1CD683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CD683
}
```

## Border

The CSS property to change the border of an element to Hex 1CD683 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
#1CD683 }
```

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

```
.border{ border-color:#1CD683 }
```

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

Here you see how a box with a 4 pixel #1CD683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CD683; -webkit-box-shadow:4px 4px  
4px 4px #1CD683; box-shadow:4px 4px 4px  
4px #1CD683 }
```

# Background

The CSS property to change the background color of an element to Hex 1CD683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CD683 }
```

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

```
.background{ background-color:#1CD683 }
```

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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