

Converting Colors

Hex(1CD195)

Have a look what the booklet for
Hex(1CD195) contains.

Hex(1CD195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1CD195)

Conversions

Conversions Part 1

Format	Color
Hex	1CD195
RGB	28, 209, 149
RGB Percent	11%, 82%, 58%
CMY	0.8902, 0.1804, 0.4157
CMYK	0.87, 0.00, 0.29, 0.18
HSL	160°, 76%, 46%
HSV	160°, 87%, 82%
XYZ	28.7042, 48.0177, 36.1893
YIQ	148.0410, -88.6160, -57.0320

Conversions

Conversions Part 2

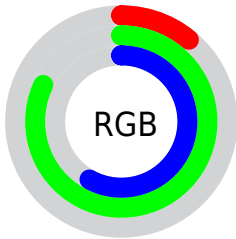
Format	Color
RYB	28, 136, 209
Decimal	1888661
CIELab	74.84, -56.08, 18.08
CIELCh	75, 58.918, 162.134
Yxy	48.0177, 0.2542, 0.4253
Android (android.graphics.Color)	4280078741 (0xFF1CD195)
YUV	148.0410, 0.4728, -105.2760
Hunter-Lab	69.2948, -47.3254, 17.5422

Details

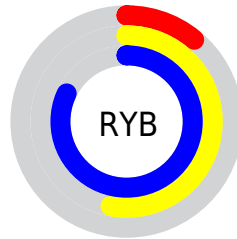
The Hex color **1CD195** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D11C58**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6EFFCB**, and **009962** is the 20% darker color. If you saturate the color by 10%, you get **07D18E**, and if you desaturate by 10%, it is **31D19C**.

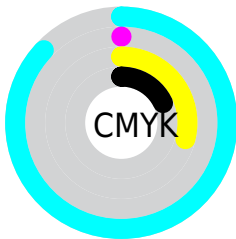
Distribution



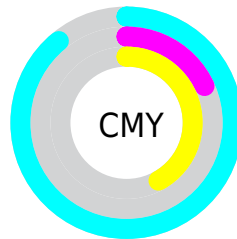
- Red (11%)
- Green (82%)
- Blue (58%)



- Red (11%)
- Yellow (53%)
- Blue (82%)



- Cyan (87%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)



- Cyan (89%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CD195 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 1CD195 by changing the saturation by 10% instead.

 1CD195

 1CD195

FFFFFF

 00B57B

 6EFFCB

 009962

 8EFFE7

 007E4A

 ADFFFF

 006433

 CBFFFF

 004B1D

 EAFFFF

 003306

 001A00

 000000

 1CD195

 1CD195

07D18E

31D19C

00D18C

46D1A3

5BD1AA

70D1B1

85D1B8

99D1BF

AED1C5

C3D1CC

D8D1D3

Harmonies

Analogous

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



86CA64



1CD195



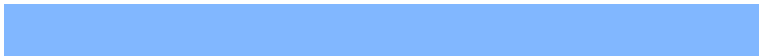
00D3CD

Triad

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



1CD195



81B7FF



FF9572

Complementary

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



1CD195



D11C58

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.



FF89A4



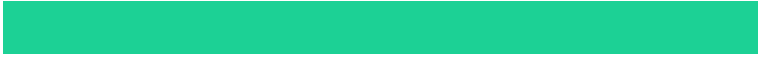
1CD195



D8A1FF

Square

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



1CD195



00C7FF



FF8EDB



F2AA4F

Rectangle

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



1CD195



00D2F0



FF8EDB



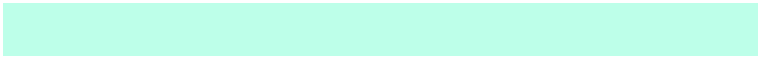
FF9081

Sweetspot

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



1CD195



BDFFE9



58D11C



588072



000000



808080

Same Dimension

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



1CD195



00FFAA



1CB3D1



5E6965



00A871



00291B

Inverse Universe

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



D11C58



FF0055



D13A1C



695E62



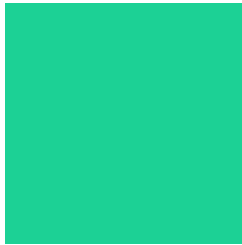
A80038



29000E

Previews

White Background



This preview shows how the Hex color 1CD195 looks on a white background.

Color Contrast Check

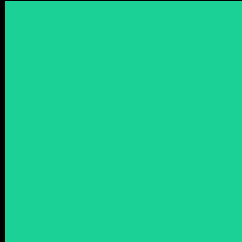
Large Text (above 18pt) WCAG AA × Fail

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 1CD195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

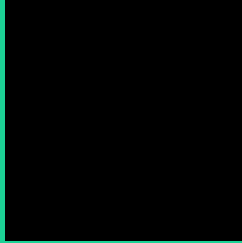
Any Text WCAG AA ✓ Pass

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 1CD195 Background



This preview shows how black text looks on a background with the Hex color 1CD195.

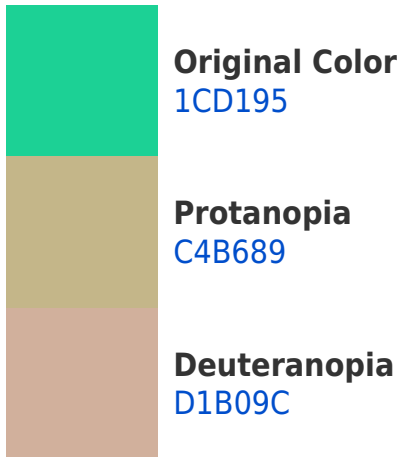


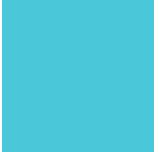
This preview shows how white text looks on a background with the Hex color 1CD195.

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](#).

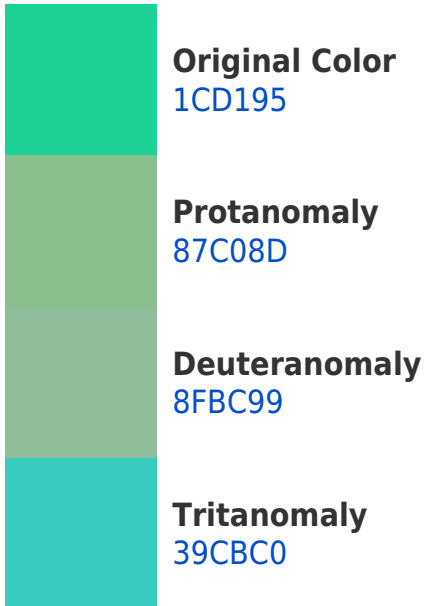
Dichromacy



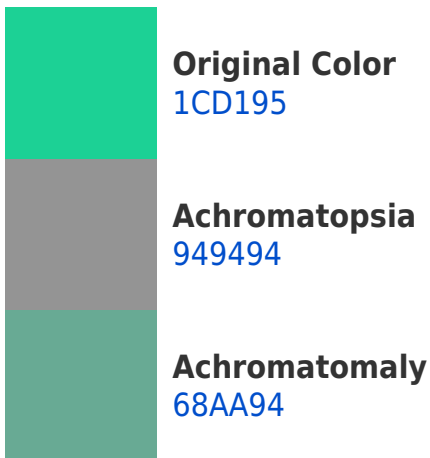


Tritanopia
4AC8D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1CD195 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 #1CD195 looks like.

```
.text, #text, p{  
    color:#1CD195  
}
```

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 #1CD195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CD195
}
```

Border

The CSS property to change the border of an element to Hex 1CD195 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
#1CD195 }
```

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

```
.border{ border-color:#1CD195 }
```

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

Here you see how a box with a 4 pixel #1CD195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CD195; -webkit-box-shadow:4px 4px  
4px 4px #1CD195; box-shadow:4px 4px 4px  
4px #1CD195 }
```

Background

The CSS property to change the background color of an element to Hex 1CD195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CD195 }
```

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

```
.background{ background-color:#1CD195 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor