

# Converting Colors

Hex(1CC58F)

Have a look what the booklet for  
Hex(1CC58F) contains.

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**Color**

**Hex(1CC58F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CC58F
RGB	28, 197, 143
RGB Percent	11%, 77%, 56%
CMY	0.8902, 0.2275, 0.4392
CMYK	0.86, 0.00, 0.27, 0.23
HSL	161°, 75%, 44%
HSV	161°, 86%, 77%
XYZ	25.4031, 42.1626, 32.7859
YIQ	140.3130, -83.3900, -52.6220

# Conversions

## Conversions Part 2

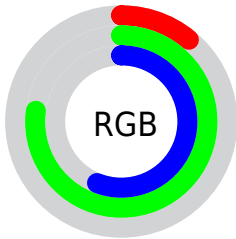
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 129, 197
Decimal	1885583
CIELab	70.98, -52.85, 15.92
CIELCh	71, 55.200, 163.239
Yxy	42.1626, 0.2531, 0.4201
Android (android.graphics.Color)	4280075663 (0xFF1CC58F)
YUV	140.3130, 1.3247, -98.4985
Hunter-Lab	64.9327, -43.7992, 15.5161

# Details

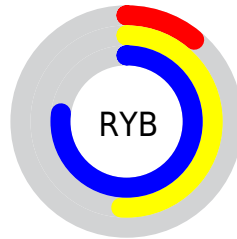
The Hex color **1CC58F** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C51C52**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6BFFC5**, and **008E5D** is the 20% darker color. If you saturate the color by 10%, you get **08C589**, and if you desaturate by 10%, it is **30C595**.

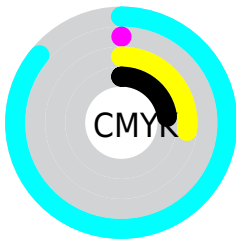
# Distribution



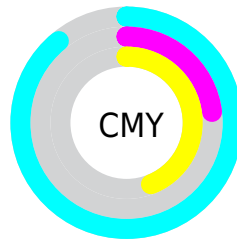
- Red (11%)
- Green (77%)
- Blue (56%)



- Red (11%)
- Yellow (51%)
- Blue (77%)



- Cyan (86%)
- Magenta (0%)
- Yellow (27%)
- Black (23%)



- Cyan (89%)
- Magenta (23%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CC58F 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 1CC58F by changing the saturation by 10% instead.



 1CC58F

 1CC58F

FFFFFF

 00A975

 6BFFC5

 008E5D

 8AFFE1

 007345

 A9FFFE

 005A2E

 C7FFFF

 004119

 E6FFFF

 002B00

 000700

 000000

 1CC58F

 1CC58F

 08C589

 30C595

 00C586

 43C59C

 57C5A2

 6BC5A8

 7EC5AE

 92C5B5

 A6C5BB

 BAC5C1

 CDC5C8

# Harmonies

## Analogous

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



7DBE61



1CC58F



00C7C3

# Triad

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



1CC58F



7FABFF



FF8E6B

# Complementary

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



1CC58F



C51C52

# 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.



FF8399



1CC58F



CE98F7

# Square

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



1CC58F



00BBFF



FC86CC



E2A14B

# Rectangle

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



1CC58F



00C6E3



FC86CC



FF8979

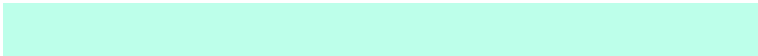


# Sweetspot

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



1CC58F



BDFFEA



54C51C



588073



000000



808080



# Same Dimension

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



1CC58F



00FFAE



1CA9C5



5A6360



00A36F



002418



# Inverse Universe

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



C51C52



FF0051



C5381C



635A5D



A30034

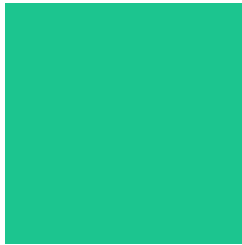


24000B



# Previews

## White Background



This preview shows how the Hex color 1CC58F looks on a white background.

## Color Contrast Check

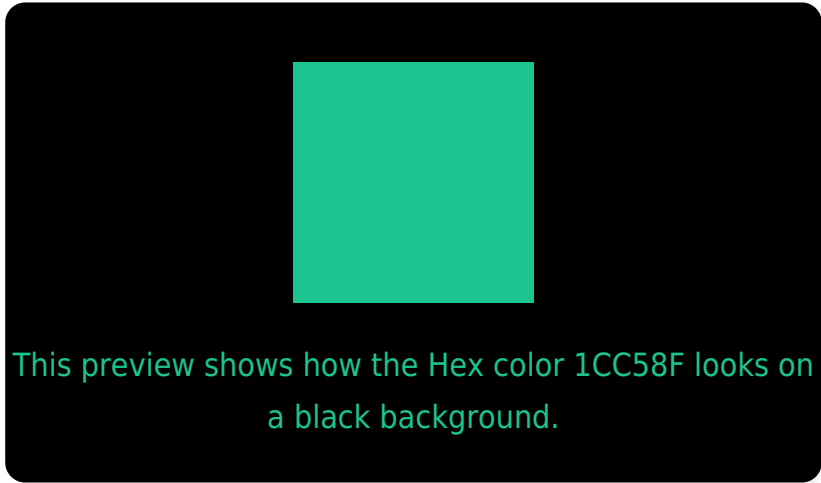
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

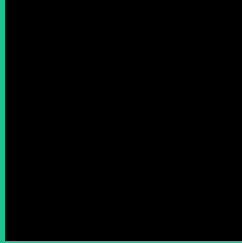
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1CC58F Background



This preview shows how black text looks on a background with the Hex color 1CC58F.

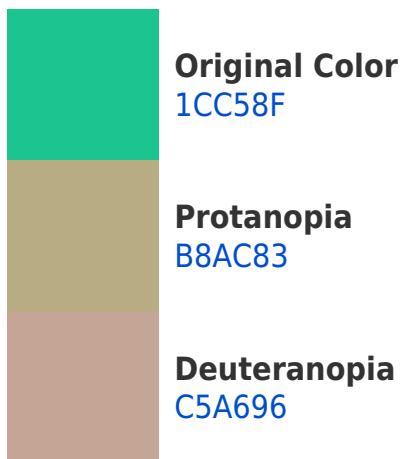


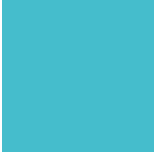
This preview shows how white text looks on a background with the Hex color 1CC58F.

# 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**  
1CC58F



**Protanomaly**  
7FB587



**Deuteranomaly**  
88B193



**Tritanomaly**  
36C0B6

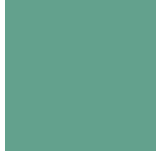
# Monochromacy



**Original Color**  
1CC58F



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
63A18D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CC58F 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 #1CC58F looks like.

```
.text, #text, p{  
    color:#1CC58F  
}
```

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 #1CC58F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CC58F
}
```

## Border

The CSS property to change the border of an element to Hex 1CC58F 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
#1CC58F }
```

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

```
.border{ border-color:#1CC58F }
```

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

Here you see how a box with a 4 pixel #1CC58F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CC58F; -webkit-box-shadow:4px 4px  
4px 4px #1CC58F; box-shadow:4px 4px 4px  
4px #1CC58F }
```

# Background

The CSS property to change the background color of an element to Hex 1CC58F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CC58F }
```

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

```
.background{ background-color:#1CC58F }
```

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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