

# Converting Colors

Hex(1CC9BA)

Have a look what the booklet for  
Hex(1CC9BA) contains.

<b>Hex(1CC9BA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1CC9BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CC9BA
RGB	28, 201, 186
RGB Percent	11%, 79%, 73%
CMY	0.8902, 0.2118, 0.2706
CMYK	0.86, 0.00, 0.07, 0.21
HSL	175°, 76%, 45%
HSV	175°, 86%, 79%
XYZ	30.2285, 45.5653, 53.6562
YIQ	147.5630, -98.2930, -41.3410

# Conversions

## Conversions Part 2

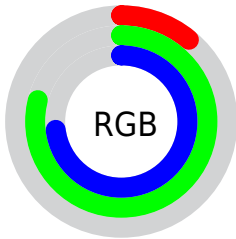
Format	Color
<a href="#">RYB</a>	<a href="#">28, 118, 201</a>
Decimal	<a href="#">1886650</a>
CIELab	<a href="#">73.26, -43.46, -4.07</a>
CIELCh	<a href="#">73, 43.648, 185.353</a>
Yxy	<a href="#">45.5653, 0.2335, 0.3520</a>
Android (android.graphics.Color)	<a href="#">4280076730 (0xFF1CC9BA)</a>
YUV	<a href="#">147.5630, 18.9494, -104.8568</a>
Hunter-Lab	<a href="#">67.5021, -38.1937, 0.1230</a>

# Details

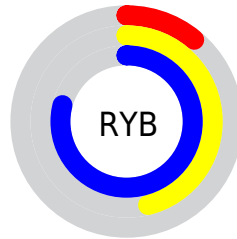
The Hex color **1CC9BA** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **C91C2B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6EFFF2**, and **009285** is the 20% darker color. If you saturate the color by 10%, you get **08C9B8**, and if you desaturate by 10%, it is **30C9BC**.

# Distribution



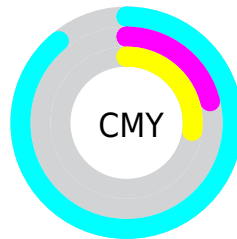
- Red (11%)
- Green (79%)
- Blue (73%)



- Red (11%)
- Yellow (46%)
- Blue (79%)



- Cyan (86%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (89%)
- Magenta (21%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CC9BA 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 1CC9BA by changing the saturation by 10% instead.



 1CC9BA

 1CC9BA

FFFFFF

 00AD9F

 6EFFF2

 009285

 8EFFFF

 00786C

 ADFFFF

 005E54

 CCFFFF

 00453D

 EBFFFF

 002E27

 001413

 000000

 1CC9BA

 1CC9BA

■ 08C9B8

■ 30C9BC

■ 00C9B8

■ 44C9BD

■ 58C9BF

■ 6CC9C1

■ 81C9C3

■ 95C9C4

■ A9C9C6

■ BDC9C8

■ D1C9CA

# Harmonies

## Analogous

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



69C691



1CC9BA



00C7E1

# Triad

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



1CC9BA



C1A7F5



E8A66C

# Complementary

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



1CC9BA



C91C2B

# 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.



FD9988



1CC9BA



EC99D6

# Square

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



1CC9BA



83B6FF



FF94AE



C6B463

# Rectangle

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



1CC9BA



00C4F5



FF94AE



F1A173

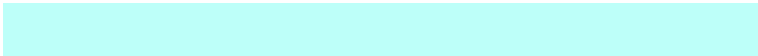


# Sweetspot

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



1CC9BA



BDFFF9



2DC91C



58807C



000000



808080



# Same Dimension

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



1CC9BA



00FFE9



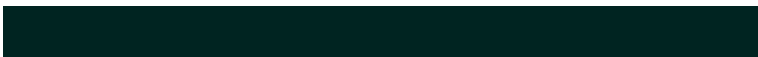
1C84C9



5A6363



00A395



002421



# Inverse Universe

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



C91C2B



FF0016



C9611C



635A5A



A3000E

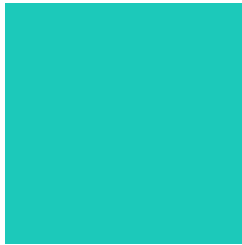


240003



# Previews

## White Background



This preview shows how the Hex color 1CC9BA looks on a white background.

## Color Contrast Check

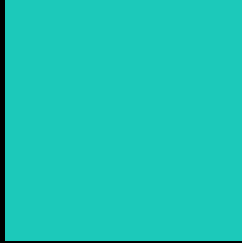
Large Text (above 18pt) WCAG AA × Fail

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 1CC9BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

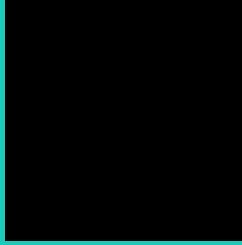
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

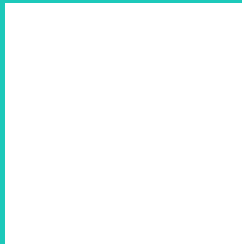
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1CC9BA Background



This preview shows how black text looks on a background with the Hex color 1CC9BA.



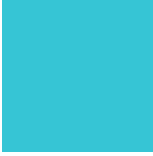
This preview shows how white text looks on a background with the Hex color 1CC9BA.

# 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**  
36C5D5

# Trichromacy



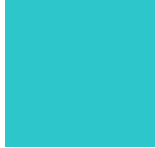
**Original Color**  
1CC9BA



**Protanomaly**  
7FBAB2



**Deuteranomaly**  
82B7BE



**Tritanomaly**  
2DC6CB

# Monochromacy



**Original Color**  
1CC9BA



**Achromatopsia**  
949494



**Achromatomaly**  
68A7A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CC9BA 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 #1CC9BA looks like.

```
.text, #text, p{  
    color:#1CC9BA  
}
```

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 #1CC9BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CC9BA
}
```

## Border

The CSS property to change the border of an element to Hex 1CC9BA 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
#1CC9BA }
```

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

```
.border{ border-color:#1CC9BA }
```

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

Here you see how a box with a 4 pixel #1CC9BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CC9BA; -webkit-box-shadow:4px 4px  
4px 4px #1CC9BA; box-shadow:4px 4px 4px  
4px #1CC9BA }
```

# Background

The CSS property to change the background color of an element to Hex 1CC9BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CC9BA }
```

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

```
.background{ background-color:#1CC9BA }
```

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