

# Converting Colors

Hex(1CA39C)

Have a look what the booklet for  
Hex(1CA39C) contains.

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**Color**

**Hex(1CA39C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CA39C
RGB	28, 163, 156
RGB Percent	11%, 64%, 61%
CMY	0.8902, 0.3608, 0.3882
CMYK	0.83, 0.00, 0.04, 0.36
HSL	177°, 71%, 37%
HSV	177°, 83%, 64%
XYZ	19.5768, 28.8416, 35.9877
YIQ	121.8370, -78.2130, -30.7970

# Conversions

## Conversions Part 2

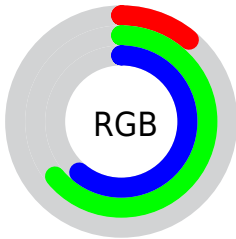
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 97, 163
Decimal	1876892
CIELab	60.64, -35.07, -6.14
CIELCh	61, 35.602, 189.931
Yxy	28.8416, 0.2319, 0.3417
Android (android.graphics.Color)	4280066972 (0xFF1CA39C)
YUV	121.8370, 16.8424, -82.2950
Hunter-Lab	53.7043, -28.9140, -2.1376

# Details

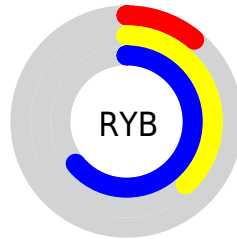
The Hex color **1CA39C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A31C23**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **65DBD2**, and **006E69** is the 20% darker color. If you saturate the color by 10%, you get **0CA39B**, and if you desaturate by 10%, it is **2CA39D**.

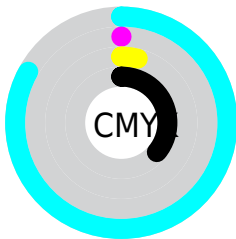
# Distribution



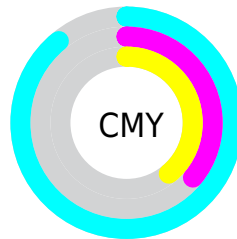
- Red (11%)
- Green (64%)
- Blue (61%)



- Red (11%)
- Yellow (38%)
- Blue (64%)



- Cyan (83%)
- Magenta (0%)
- Yellow (4%)
- Black (36%)



- Cyan (89%)
- Magenta (36%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CA39C 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 1CA39C by changing the saturation by 10% instead.



 1CA39C

 1CA39C


FFFFFF

 008882

 65DBD2

 006E69

 83F7EF

 005551


 A0FFFF

 003D3A

 BEFFFF

 002824

 DCFFFF

 000510

 FAFFFF

 000000

 1CA39C

 1CA39C

 0CA39B

 2CA39D

■ 00A39B

■ 3DA39E

■ 4DA39F

■ 5DA39F

■ 6EA3A0

■ 7EA3A1

■ 8EA3A2

■ 9EA3A3

■ AFA3A4

# Harmonies

## Analogous

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



52A17C



1CA39C



00A1BA

# Triad

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



1CA39C



A386C3



B88958

# Complementary

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



1CA39C



A31C23

# 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.



CB7F6B



1CA39C



C27CA9

# Square

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



1CA39C



7592D0



CF7989



9C9453

# Rectangle

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



1CA39C



219EC8



CF7989



C0855D



# Sweetspot

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



1CA39C



9FD4D1



25A31C



4B6B69



EBEBEB



6B6B6B

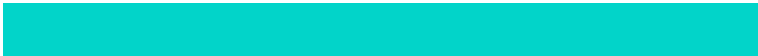


# Same Dimension

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



1CA39C



02D4C9



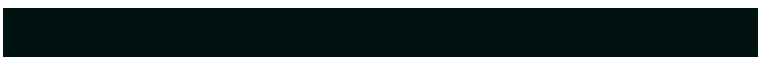
1C69A3



495251



00918A



001211



# Inverse Universe

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



A31C23



D4020D



A3571C



52494A



910008

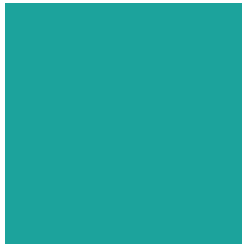


120001



# Previews

## White Background



This preview shows how the Hex color 1CA39C looks on a white background.

## Color Contrast Check

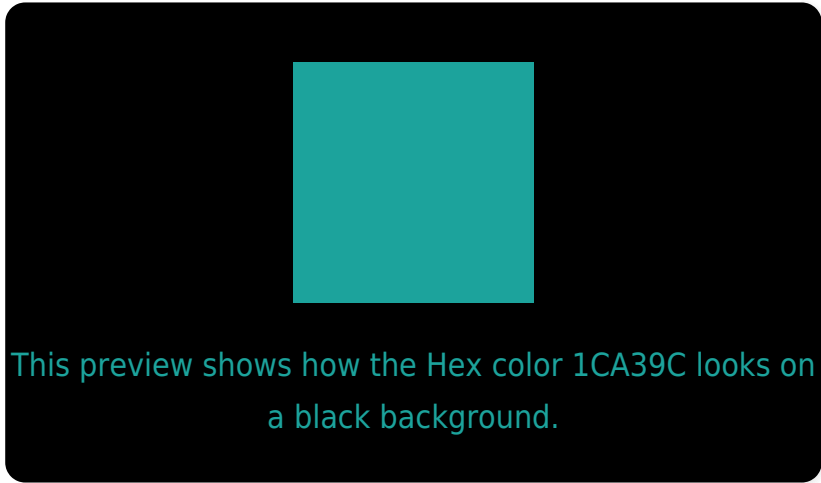
Large Text (above 18pt) WCAG AA ✓ Pass

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

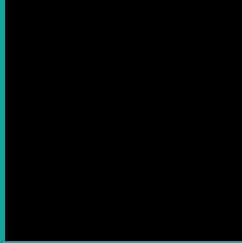
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1CA39C Background



This preview shows how black text looks on a background with the Hex color 1CA39C.

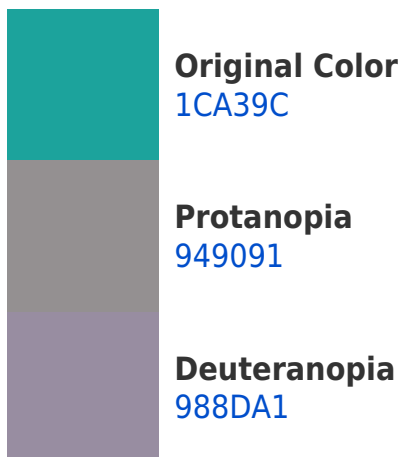


This preview shows how white text looks on a background with the Hex color 1CA39C.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CA39C 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 #1CA39C looks like.

```
.text, #text, p{  
    color:#1CA39C  
}
```

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 #1CA39C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA39C
}
```

## Border

The CSS property to change the border of an element to Hex 1CA39C 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
#1CA39C }
```

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

```
.border{ border-color:#1CA39C }
```

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

Here you see how a box with a 4 pixel #1CA39C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA39C; -webkit-box-shadow:4px 4px  
4px 4px #1CA39C; box-shadow:4px 4px 4px  
4px #1CA39C }
```

# Background

The CSS property to change the background color of an element to Hex 1CA39C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA39C }
```

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

```
.background{ background-color:#1CA39C }
```

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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