

# Converting Colors

Hex(1CA1A0)

Have a look what the booklet for  
Hex(1CA1A0) contains.

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# Color

**Hex(1CA1A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CA1A0
RGB	28, 161, 160
RGB Percent	11%, 63%, 63%
CMY	0.8902, 0.3686, 0.3725
CMYK	0.83, 0.00, 0.01, 0.37
HSL	180°, 70%, 37%
HSV	180°, 83%, 63%
XYZ	19.5689, 28.2747, 37.6839
YIQ	121.1190, -78.9470, -28.5070

# Conversions

## Conversions Part 2

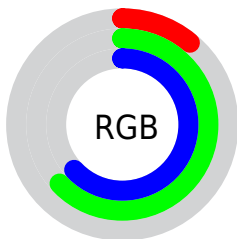
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 95, 161
Decimal	1876384
CIELab	60.14, -32.93, -9.15
CIElCh	60, 34.178, 195.530
Yxy	28.2747, 0.2288, 0.3306
Android (android.graphics.Color)	4280066464 (0xFF1CA1A0)
YUV	121.1190, 19.1683, -81.6654
Hunter-Lab	53.1739, -27.3633, -4.7965

# Details

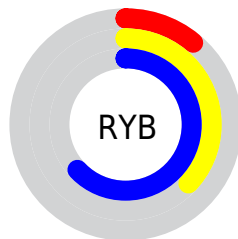
The Hex color **1CA1A0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A11C1D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **65D8D7**, and **006D6D** is the 20% darker color. If you saturate the color by 10%, you get **0CA1A0**, and if you desaturate by 10%, it is **2CA1A0**.

# Distribution



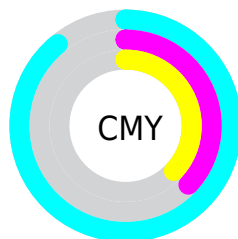
- Red (11%)
- Green (63%)
- Blue (63%)



- Red (11%)
- Yellow (37%)
- Blue (63%)



- Cyan (83%)
- Magenta (0%)
- Yellow (1%)
- Black (37%)



- Cyan (89%)
- Magenta (37%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CA1A0 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 1CA1A0 by changing the saturation by 10% instead.



 1CA1A0

 1CA1A0

FFFFFF

 008686

 65D8D7

 006D6D

 83F5F3

 005454

 A1FFFF

 003C3D

 BEFFFF

 002627

 DCFFFF

 000214

 FBFFFF

 000000

 1CA1A0

 1CA1A0

 0CA1A0

 2CA1A0

■ 00A1A0

■ 3CA1A0

■ 4CA1A0

■ 5CA1A0

■ 6DA1A1

■ 7DA1A1

■ 8DA1A1

■ 9DA1A1

■ ADA1A1

# Harmonies

## Analogous

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



4CA081



1CA1A0



0B9EBB

# Triad

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



1CA1A0



A883BB



B18A57

# Complementary

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



1CA1A0



A11C1D

# 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.



C58067



1CA1A0



C27BA1

# Square

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



1CA1A0



7F8FCB



CC7A82



959456

# Rectangle

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



1CA1A0



379BC7



CC7A82



B9875B



# Sweetspot

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



1CA1A0



9DD1D1



1EA11C



496968



E8E8E8



696969



# Same Dimension

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



1CA1A0



02D1D0



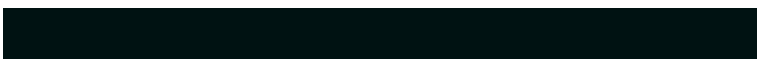
1C61A1



495252



009190



001212



# Inverse Universe

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



A11C1D



D10204



A15C1C



52494A



910001



120000



# Previews

## White Background



This preview shows how the Hex color 1CA1A0 looks on a white background.

## Color Contrast Check

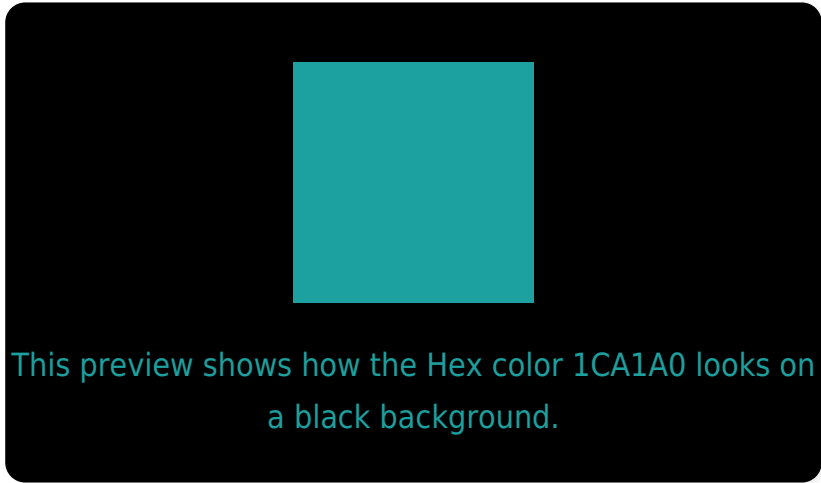
Large Text (above 18pt) WCAG AA ✓ Pass

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

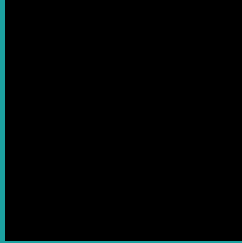
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1CA1A0 Background



This preview shows how black text looks on a background with the Hex color 1CA1A0.

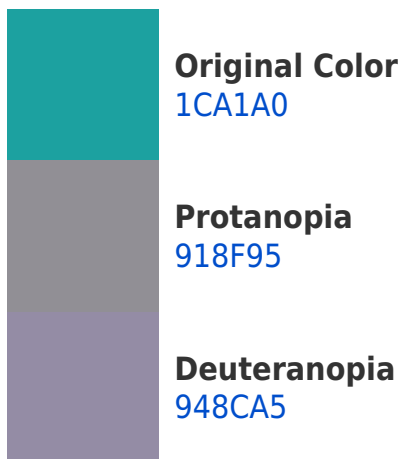


This preview shows how white text looks on a background with the Hex color 1CA1A0.

# 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**  
1CA1A0



**Protanomaly**  
669699



**Deuteranomaly**  
6894A3



**Tritanomaly**  
24A0A8

# Monochromacy



**Original Color**  
1CA1A0



**Achromatopsia**  
797979



**Achromatomaly**  
578887

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CA1A0 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 #1CA1A0 looks like.

```
.text, #text, p{  
    color:#1CA1A0  
}
```

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 #1CA1A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA1A0
}
```

## Border

The CSS property to change the border of an element to Hex 1CA1A0 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
#1CA1A0 }
```

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

```
.border{ border-color:#1CA1A0 }
```

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

Here you see how a box with a 4 pixel #1CA1A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA1A0; -webkit-box-shadow:4px 4px  
4px 4px #1CA1A0; box-shadow:4px 4px 4px  
4px #1CA1A0 }
```

# Background

The CSS property to change the background color of an element to Hex 1CA1A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA1A0 }
```

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

```
.background{ background-color:#1CA1A0 }
```

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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