

# Converting Colors

Hex(1CA3B2)

Have a look what the booklet for  
Hex(1CA3B2) contains.

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# Color

Hex(1CA3B2)

# Conversions

## Conversions Part 1

Format	Color
Hex	1CA3B2
RGB	28, 163, 178
RGB Percent	11%, 64%, 70%
CMY	0.8902, 0.3608, 0.3020
CMYK	0.84, 0.08, 0.00, 0.30
HSL	186°, 73%, 40%
HSV	186°, 84%, 70%
XYZ	21.6120, 29.6556, 46.7045
YIQ	124.3450, -85.2750, -23.9550

# Conversions

## Conversions Part 2

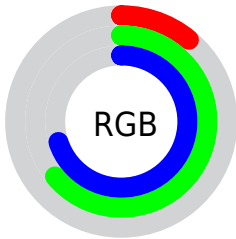
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 99, 178
Decimal	1876914
CIE <sub>Lab</sub>	61.36, -28.25, -17.46
CIE <sub>LCh</sub>	61, 33.212, 211.718
Yxy	29.6556, 0.2206, 0.3027
Android (android.graphics.Color)	4280066994 (0xFF1CA3B2)
YUV	124.3450, 26.4519, -84.4946
Hunter-Lab	54.4570, -24.4596, -12.7296

# Details

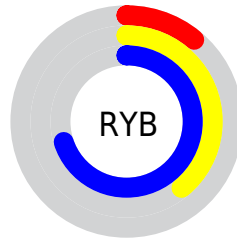
The Hex color **1CA3B2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B22B1C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **67DAEA**, and **006F7D** is the 20% darker color. If you saturate the color by 10%, you get **0AA1B2**, and if you desaturate by 10%, it is **2EA5B2**.

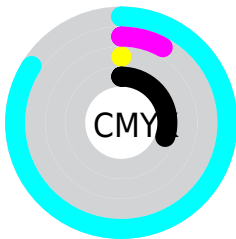
# Distribution



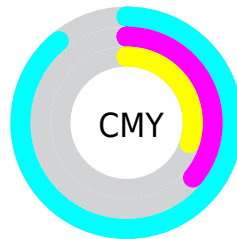
- Red (11%)
- Green (64%)
- Blue (70%)



- Red (11%)
- Yellow (39%)
- Blue (70%)



- Cyan (84%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (89%)
- Magenta (36%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CA3B2 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 1CA3B2 by changing the saturation by 10% instead.



 1CA3B2

 1CA3B2

FFFFFF

 008897

 67DAEA

 006F7D

 86F7FF

 005664

 A4FFFF

 003E4C

 C2FFFF

 002836

 E0FFFF

 000B21

 000006

 000000

 1CA3B2

 1CA3B2

0AA1B2

2EA5B2

00A0B2

40A7B2

51A8B2

63AAB2

75ACB2

87AEB2

99AFB2

AAB1B2

BCB3B2

# Harmonies

## Analogous

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



3DA495



1CA3B2



3A9FC7

# Triad

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



1CA3B2



BB82B0



A69359

# Complementary

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



1CA3B2



B22B1C

# 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.



BE8961



1CA3B2



CC7D94

# Square

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



1CA3B2



9A8CC6



CC8077



879C61

# Rectangle

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



1CA3B2



5C99CE



CC8077



AF905A



# Sweetspot

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



1CA3B2



AEE2E8



1CB22B



527275



F5F5F5



757575

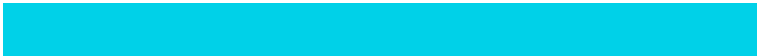


# Same Dimension

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



1CA3B2



00D1E8



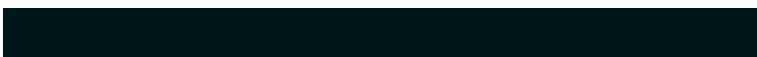
1C58B2



505859



008A99



00171A



# Inverse Universe

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



B21CA3



E800D1



B2761C



595058



99008A



1A0017



# Previews

## White Background



This preview shows how the Hex color 1CA3B2 looks on a white background.

## Color Contrast Check

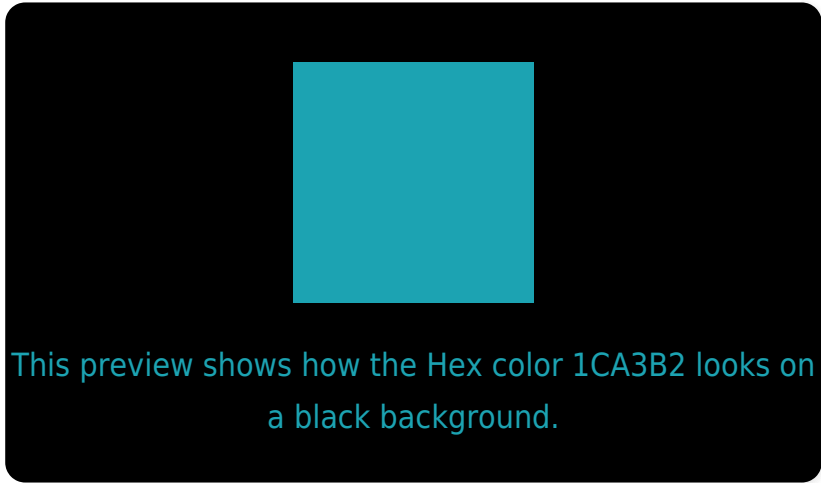
Large Text (above 18pt) WCAG AA ✓ Pass

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

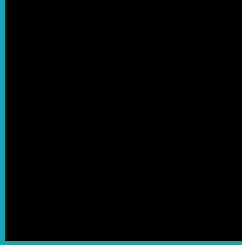
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1CA3B2 Background



This preview shows how black text looks on a background with the Hex color 1CA3B2.

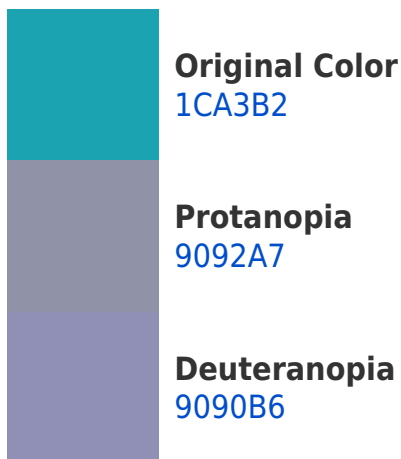


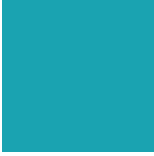
This preview shows how white text looks on a background with the Hex color 1CA3B2.

# 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](#).

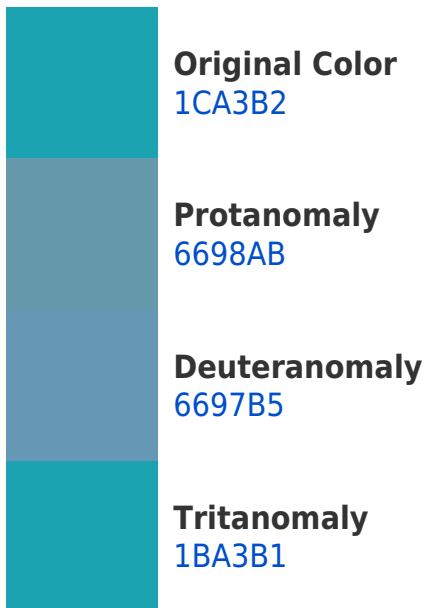
## Dichromacy





**Tritanopia**  
1AA3B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CA3B2 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 #1CA3B2 looks like.

```
.text, #text, p{  
    color:#1CA3B2  
}
```

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 #1CA3B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA3B2
}
```

## Border

The CSS property to change the border of an element to Hex 1CA3B2 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
#1CA3B2 }
```

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

```
.border{ border-color:#1CA3B2 }
```

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

Here you see how a box with a 4 pixel #1CA3B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA3B2; -webkit-box-shadow:4px 4px  
4px 4px #1CA3B2; box-shadow:4px 4px 4px  
4px #1CA3B2 }
```

# Background

The CSS property to change the background color of an element to Hex 1CA3B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA3B2 }
```

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

```
.background{ background-color:#1CA3B2 }
```

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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