

# Converting Colors

Hex(1CADB4)

Have a look what the booklet for  
Hex(1CADB4) contains.

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# Color

**Hex(1CADB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CADB4
RGB	28, 173, 180
RGB Percent	11%, 68%, 71%
CMY	0.8902, 0.3216, 0.2941
CMYK	0.84, 0.04, 0.00, 0.29
HSL	183°, 73%, 41%
HSV	183°, 84%, 71%
XYZ	23.6607, 33.4293, 48.3855
YIQ	130.4430, -88.6670, -28.5630

# Conversions

## Conversions Part 2

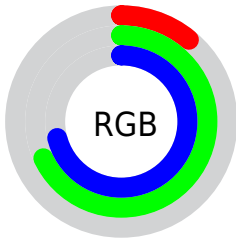
Format	Color
<a href="#">RYB</a>	<a href="#">28, 102, 180</a>
Decimal	<a href="#">1879476</a>
CIELab	<a href="#">64.51, -32.48, -13.82</a>
CIELCh	<a href="#">65, 35.296, 203.043</a>
Yxy	<a href="#">33.4293, 0.2243, 0.3169</a>
Android (android.graphics.Color)	<a href="#">4280069556</a> ( <a href="#">0xFF1CADB4</a> )
YUV	<a href="#">130.4430, 24.4316, -89.8425</a>
Hunter-Lab	<a href="#">57.8181, -28.1347, -9.1446</a>

# Details

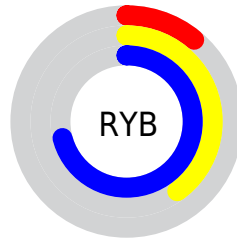
The Hex color **1CADB4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B4231C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **69E5EC**, and **00787F** is the 20% darker color. If you saturate the color by 10%, you get **0AACB4**, and if you desaturate by 10%, it is **2EAE B4**.

# Distribution



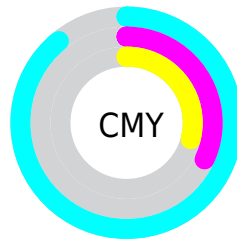
- Red (11%)
- Green (68%)
- Blue (71%)



- Red (11%)
- Yellow (40%)
- Blue (71%)



- Cyan (84%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (89%)
- Magenta (32%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CADB4 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 1CADB4 by changing the saturation by 10% instead.



 1CADB4

 1CADB4

FFFFFF

 009299

 69E5EC

 00787F

 88FFFF

 005F66

 A6FFFF

 00464E

 C5FFFF

 002F37

 E3FFFF

 001A22

 00000B

 000000

 1CADB4

 1CADB4

0AACB4

2EAEB4

00ACB4

40AFB4

52AFB4

64B0B4

76B1B4

88B2B4

9AB3B4

ACB4B4

BEB4B4

# Harmonies

## Analogous

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



4AAD94



1CADB4



29A9CE

# Triad

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



1CADB4



BD8CC3



B8985E

# Complementary

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



1CADB4



B4231C

# 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.



CF8D6B



1CADB4



D485A5

# Square

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



1CADB4



9597D6



DA8585



98A261

# Rectangle

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



1CADB4



4FA5D8



DA8585



C19460



# Sweetspot

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



1CADB4



B0E8EB



1CB421



527475



F5F5F5



757575



# Same Dimension

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



1CADB4



00E0EB



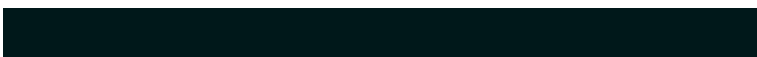
1C63B4



505959



009299



00181A



# Inverse Universe

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



B41CAD



EB00E0



B46D1C



595059



990092



1A0018



# Previews

## White Background



This preview shows how the Hex color 1CADB4 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 1CADB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

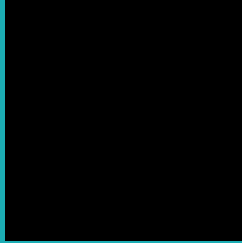
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1CADB4 Background



This preview shows how black text looks on a background with the Hex color 1CADB4.

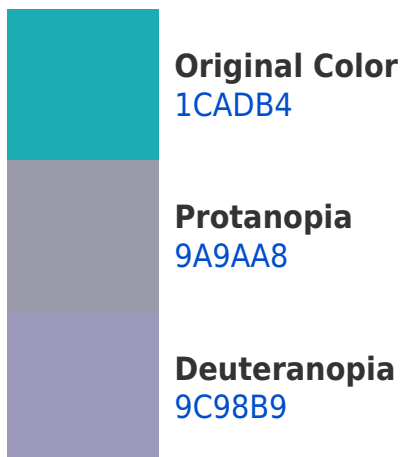


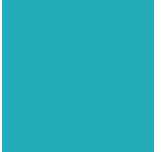
This preview shows how white text looks on a background with the Hex color 1CADB4.

# 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**  
1CADB4



**Protanomaly**  
6CA1AC



**Deuteranomaly**  
6DA0B7



**Tritanomaly**  
20ACB8

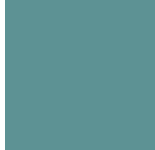
# Monochromacy



**Original Color**  
1CADB4



**Achromatopsia**  
828282



**Achromatomaly**  
5D9294

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CADB4 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 #1CADB4 looks like.

```
.text, #text, p{  
    color:#1CADB4  
}
```

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 #1CADB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CADB4
}
```

## Border

The CSS property to change the border of an element to Hex 1CADB4 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
#1CADB4 }
```

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

```
.border{ border-color:#1CADB4 }
```

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

Here you see how a box with a 4 pixel #1CADB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CADB4; -webkit-box-shadow:4px 4px  
4px 4px #1CADB4; box-shadow:4px 4px 4px  
4px #1CADB4 }
```

# Background

The CSS property to change the background color of an element to Hex 1CADB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CADB4 }
```

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

```
.background{ background-color:#1CADB4 }
```

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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