

Converting Colors

Hex(0CDADA)

Have a look what the booklet for
Hex(0CDADA) contains.

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Color

Hex(0CDADA)

Conversions

Conversions Part 1

Format	Color
Hex	0CDADA
RGB	12, 218, 218
RGB Percent	5%, 85%, 85%
CMY	0.9529, 0.1451, 0.1451
CMYK	0.94, 0.00, 0.00, 0.15
HSL	180°, 90%, 45%
HSV	180°, 94%, 85%
XYZ	37.8779, 55.2829, 75.0040
YIQ	156.4060, -122.7760, -43.6720

Conversions

Conversions Part 2

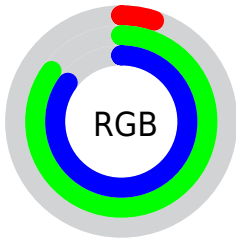
Format	Color
RYB	12, 115, 218
Decimal	842458
CIELab	79.20, -42.41, -12.49
CIELCh	79, 44.215, 196.406
Yxy	55.2829, 0.2252, 0.3287
Android (android.graphics.Color)	4279032538 (0xFF0CDADA)
YUV	156.4060, 30.3658, -126.6441
Hunter-Lab	74.3525, -39.1823, -7.7628

Details

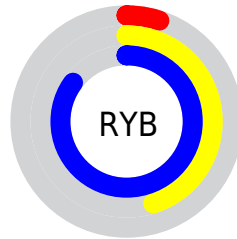
The Hex color **0CDADA** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DA0C0C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **71FFFF**, and **00A2A3** is the 20% darker color. If you saturate the color by 10%, you get **00DADA**, and if you desaturate by 10%, it is **22DADA**.

Distribution



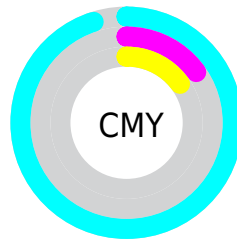
- Red (5%)
- Green (85%)
- Blue (85%)



- Red (5%)
- Yellow (45%)
- Blue (85%)



- Cyan (94%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (95%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CDADA 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 0CDADA by changing the saturation by 10% instead.

 0CDADA

 0CDADA

FFFFFF

 00BEBE

 71FFFF

 00A2A3

 92FFFF

 008789

 B3FFFF

 006D70

 D2FFFF

 005457

 F2FFFF

 003C40

 00272A

 000116

 000000

0CDADA

0CDADA

00DADA

22DADA

38DADA

4DDADA

63DADA

79DADA

8FDADA

A5DADA

BADADA

D0DADA

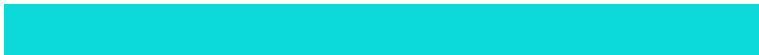
Harmonies

Analogous

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



63D9AF



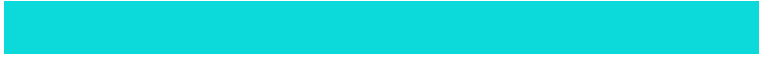
0CDADA



00D6FF

Triad

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



0CDADA



E5B1FD



EFBB74

Complementary

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



OCDADA



DA0C0C

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.



FFAD8A



0CDADA



FFA6D9

Square

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



0CDADA



ACC0FF



FFA4AF



C8C974

Rectangle

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



0CDADA



45D1FF



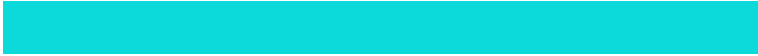
FFA4AF



FAB679

Sweetspot

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



0CDADA



B8FFFF



0CDA0C



548080



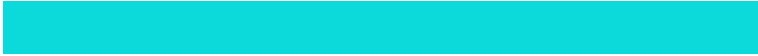
000000



808080

Same Dimension

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



0CDADA



00FFFF



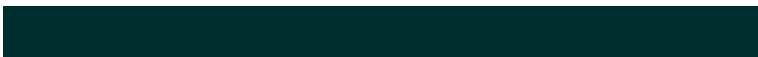
0C73DA



636E6E



00ADAD



002E2E

Inverse Universe

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



DA0CDA



FF00FF



DA730C



6E636E



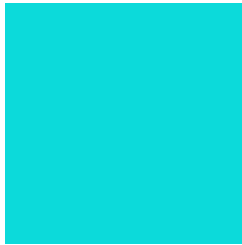
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 0CDADA looks on a white background.

Color Contrast Check

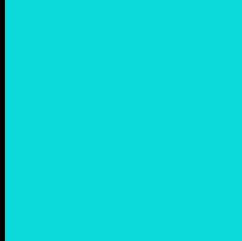
Large Text (above 18pt) WCAG AA × Fail

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 0CDADA 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 0CDADA Background



This preview shows how black text looks on a background with the Hex color 0CDADA.

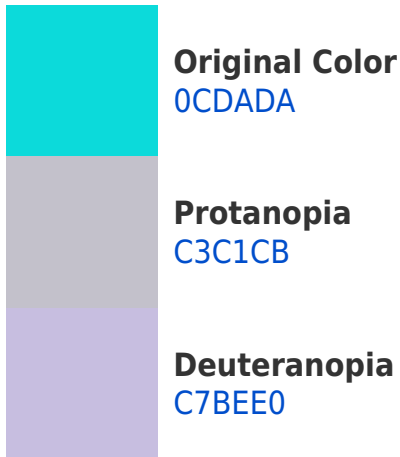


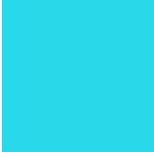
This preview shows how white text looks on a background with the Hex color 0CDADA.

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
29D8E9

Trichromacy



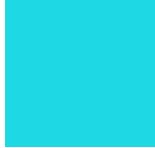
Original Color
0CDADA



Protanomaly
80CAD0



Deuteranomaly
83C8DE



Tritanomaly
1ED9E4

Monochromacy



Original Color
0CDADA



Achromatopsia
9C9C9C



Achromatomaly
68B3B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CDADA 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 #0CDADA looks like.

```
.text, #text, p{  
  color:#0CDADA  
}
```

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 #0CDADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CDADA
}
```

Border

The CSS property to change the border of an element to Hex 0CDADA 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
#0CDADA }
```

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

```
.border{ border-color:#0CDADA }
```

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

Here you see how a box with a 4 pixel #0CDADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CDADA; -webkit-box-shadow:4px 4px  
4px 4px #0CDADA; box-shadow:4px 4px 4px  
4px #0CDADA }
```

Background

The CSS property to change the background color of an element to Hex 0CDADA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CDADA }
```

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

```
.background{ background-color:#0CDADA }
```

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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