

Converting Colors

Hex(0CD9D9)

Have a look what the booklet for
Hex(0CD9D9) contains.

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Color

Hex(0CD9D9)

Conversions

Conversions Part 1

Format	Color
Hex	0CD9D9
RGB	12, 217, 217
RGB Percent	5%, 85%, 85%
CMY	0.9529, 0.1490, 0.1490
CMYK	0.94, 0.00, 0.00, 0.15
HSL	180°, 90%, 45%
HSV	180°, 94%, 85%
XYZ	37.4889, 54.7136, 74.2306
YIQ	155.7050, -122.1800, -43.4600

Conversions

Conversions Part 2

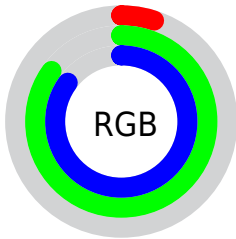
Format	Color
RYB	12, 115, 217
Decimal	842201
CIELab	78.88, -42.26, -12.44
CIELCh	79, 44.059, 196.406
Yxy	54.7136, 0.2252, 0.3287
Android (android.graphics.Color)	4279032281 (0xFF0CD9D9)
YUV	155.7050, 30.2184, -126.0293
Hunter-Lab	73.9687, -38.9776, -7.7219

Details

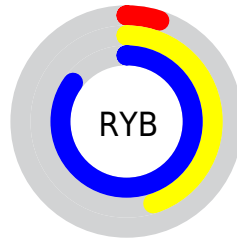
The Hex color **0CD9D9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D90C0C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **70FFFF**, and **00A1A2** is the 20% darker color. If you saturate the color by 10%, you get **00D9D9**, and if you desaturate by 10%, it is **22D9D9**.

Distribution



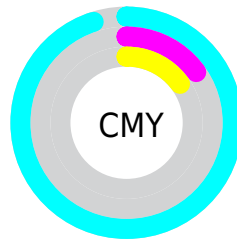
- Red (5%)
- Green (85%)
- Blue (85%)



- 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 0CD9D9 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 0CD9D9 by changing the saturation by 10% instead.

 0CD9D9

 0CD9D9

FFFFFF

 00BDBD

 70FFFF

 00A1A2

 92FFFF

 008788

 B2FFFF

 006D6F

 D2FFFF

 005356

 F2FFFF

 003B3F

 002629

 000116

 000000

0CD9D9

0CD9D9

00D9D9

22D9D9

37D9D9

4DD9D9

63D9D9

79D9D9

8ED9D9

A4D9D9

BAD9D9

CFD9D9

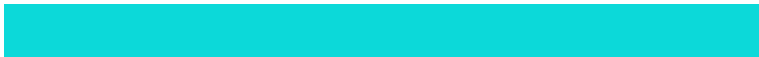
Harmonies

Analogous

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



63D8AF



0CD9D9



00D5FD

Triad

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



0CD9D9



E4B0FC



EEBA73

Complementary

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



0CD9D9



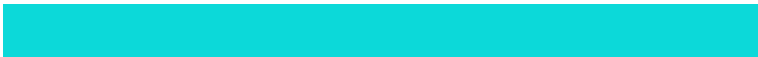
D90C0C

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.



FFAC8A



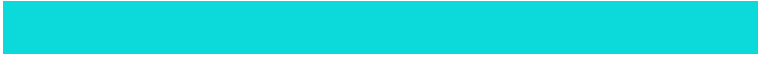
0CD9D9



FFA5D8

Square

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



0CD9D9



ACC0FF



FFA4AE



C7C873

Rectangle

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



0CD9D9



45D0FF



FFA4AE



F9B679

Sweetspot

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



0CD9D9



B8FFFF



0CD90C



548080



000000



808080

Same Dimension

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



0CD9D9



00FFFF



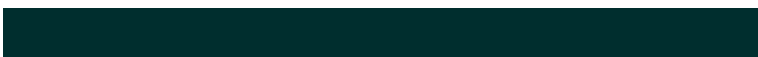
0C72D9



636E6E



00ADAD



002E2E

Inverse Universe

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



D90CD9



FF00FF



D9720C



6E636E



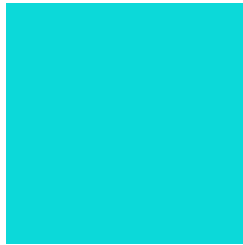
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 0CD9D9 looks on a white background.

Color Contrast Check

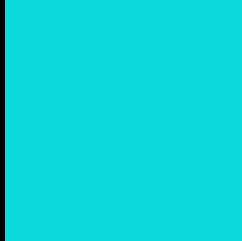
Large Text (above 18pt) WCAG AA × Fail

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 0CD9D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

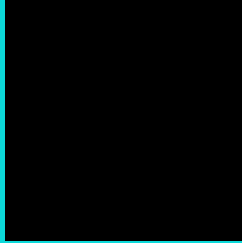
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

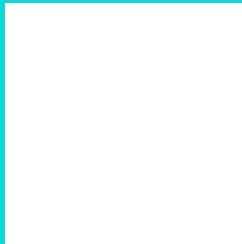
Any Text WCAG AAA ✓ Pass

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

Hex 0CD9D9 Background



This preview shows how black text looks on a background with the Hex color 0CD9D9.

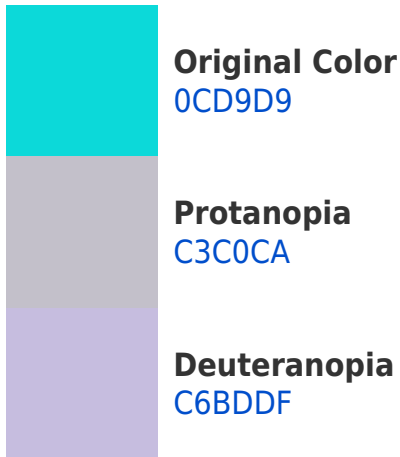


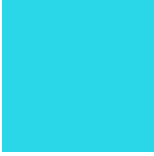
This preview shows how white text looks on a background with the Hex color 0CD9D9.

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
29D7E8

Trichromacy



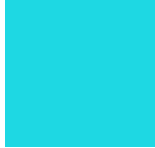
Original Color
0CD9D9



Protanomaly
80C9CF

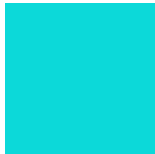


Deuteranomaly
82C7DD



Tritanomaly
1ED8E3

Monochromacy



Original Color
0CD9D9



Achromatopsia
9C9C9C



Achromatomaly
68B2B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CD9D9 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 #0CD9D9 looks like.

```
.text, #text, p{  
    color:#0CD9D9  
}
```

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 #0CD9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CD9D9
}
```

Border

The CSS property to change the border of an element to Hex 0CD9D9 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
#0CD9D9 }
```

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

```
.border{ border-color:#0CD9D9 }
```

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

Here you see how a box with a 4 pixel #0CD9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CD9D9; -webkit-box-shadow:4px 4px  
4px 4px #0CD9D9; box-shadow:4px 4px 4px  
4px #0CD9D9 }
```

Background

The CSS property to change the background color of an element to Hex 0CD9D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CD9D9 }
```

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

```
.background{ background-color:#0CD9D9 }
```

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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