

Converting Colors

Hex(0CD8B2)

Have a look what the booklet for
Hex(0CD8B2) contains.

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Color

Hex(0CD8B2)

Conversions

Conversions Part 1

Format	Color
Hex	0CD8B2
RGB	12, 216, 178
RGB Percent	5%, 85%, 70%
CMY	0.9529, 0.1529, 0.3020
CMYK	0.94, 0.00, 0.18, 0.15
HSL	169°, 89%, 45%
HSV	169°, 94%, 85%
XYZ	32.7434, 52.4042, 50.5088
YIQ	150.6720, -109.3860, -55.0660

Conversions

Conversions Part 2

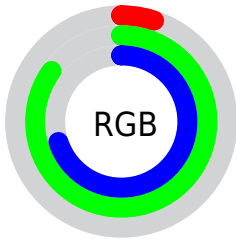
Format	Color
RYB	12, 124, 216
Decimal	841906
CIELab	77.52, -52.60, 6.42
CIElCh	78, 52.994, 173.039
Yxy	52.4042, 0.2414, 0.3863
Android (android.graphics.Color)	4279031986 (0xFF0CD8B2)
YUV	150.6720, 13.4727, -121.6153
Hunter-Lab	72.3908, -45.9458, 9.3055

Details

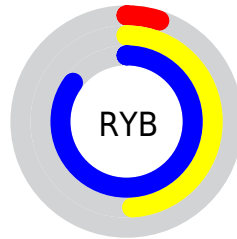
The Hex color **0CD8B2** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D80C32**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6CFFEA**, and **00A07D** is the 20% darker color. If you saturate the color by 10%, you get **00D8B0**, and if you desaturate by 10%, it is **22D8B6**.

Distribution



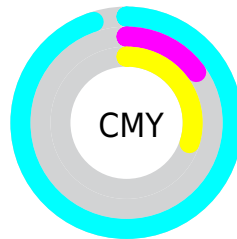
- Red (5%)
- Green (85%)
- Blue (70%)



- Red (5%)
- Yellow (49%)
- Blue (85%)



- Cyan (94%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (95%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CD8B2 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 0CD8B2 by changing the saturation by 10% instead.

 0CD8B2

 0CD8B2

FFFFFF

 00BC97

 6CFFEA

 00A07D

 8DFFFF

 008564

 ADFFFF

 006B4D

 CCFFFF

 005136

 ECFFFF

 003921

 00220A

 000000

 0CD8B2

 0CD8B2

 00D8B0

 22D8B6

 37D8BA

 4DD8BE

 62D8C2

 78D8C6

 8ED8CA

 A3D8CE

 B9D8D2

 CED8D6

Harmonies

Analogous

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



7DD382



0CD8B2



00D8E4

Triad

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



0CD8B2



B1B7FF



FFA772

Complementary

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



0CD8B2



D80C32

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.



FF999C



0CD8B2



F2A4FB

Square

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



0CD8B2



4AC8FF



FF98CD



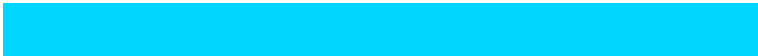
E7B95C

Rectangle

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



0CD8B2



00D6FF



FF98CD



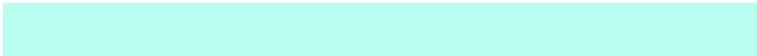
FFA17F

Sweetspot

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



0CD8B2



B8FFF2



35D80C



548077



000000



808080

Same Dimension

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



0CD8B2



00FFCF



0C9BD8



606B69



00AB8B



002B23

Inverse Universe

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



D80C32



FF0030



D8490C



6B6062



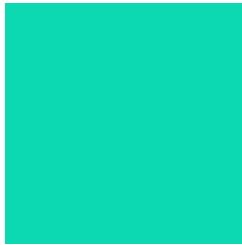
AB0020



2B0008

Previews

White Background



This preview shows how the Hex color 0CD8B2 looks on a white background.

Color Contrast Check

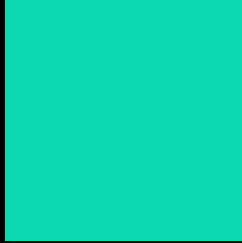
Large Text (above 18pt) WCAG AA × Fail

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 0CD8B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

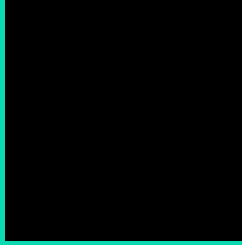
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

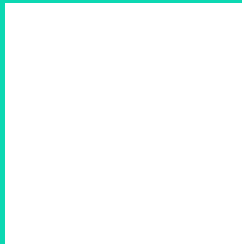
Any Text WCAG AAA ✓ Pass

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

Hex 0CD8B2 Background



This preview shows how black text looks on a background with the Hex color 0CD8B2.



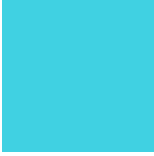
This preview shows how white text looks on a background with the Hex color 0CD8B2.

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
40D1E2

Trichromacy



Original Color
0CD8B2



Protanomaly
83C7A9

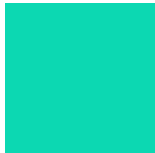


Deuteranomaly
8AC4B6



Tritanomaly
2DD4D1

Monochromacy



Original Color
0CD8B2



Achromatopsia
979797



Achromatomaly
64AFA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CD8B2 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 #0CD8B2 looks like.

```
.text, #text, p{  
    color:#0CD8B2  
}
```

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 #0CD8B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CD8B2
}
```

Border

The CSS property to change the border of an element to Hex 0CD8B2 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
#0CD8B2 }
```

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

```
.border{ border-color:#0CD8B2 }
```

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

Here you see how a box with a 4 pixel #0CD8B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CD8B2; -webkit-box-shadow:4px 4px  
4px 4px #0CD8B2; box-shadow:4px 4px 4px  
4px #0CD8B2 }
```

Background

The CSS property to change the background color of an element to Hex 0CD8B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CD8B2 }
```

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

```
.background{ background-color:#0CD8B2 }
```

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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