

Converting Colors

Hex(0CD48D)

Have a look what the booklet for
Hex(0CD48D) contains.

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Color

Hex(0CD48D)

Conversions

Conversions Part 1

Format	Color
Hex	0CD48D
RGB	12, 212, 141
RGB Percent	5%, 83%, 55%
CMY	0.9529, 0.1686, 0.4471
CMYK	0.94, 0.00, 0.33, 0.17
HSL	159°, 89%, 44%
HSV	159°, 94%, 83%
XYZ	28.5028, 49.0882, 33.1720
YIQ	144.1060, -96.4090, -64.4810

Conversions

Conversions Part 2

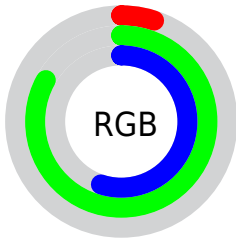
Format	Color
RYB	12, 134, 212
Decimal	840845
CIELab	75.51, -59.75, 23.19
CIELCh	76, 64.094, 158.785
Yxy	49.0882, 0.2573, 0.4432
Android (android.graphics.Color)	4279030925 (0xFF0CD48D)
YUV	144.1060, -1.5313, -115.8570
Hunter-Lab	70.0630, -49.9934, 20.9726

Details

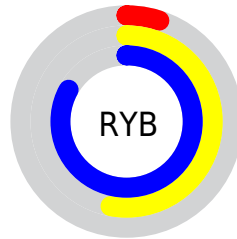
The Hex color **0CD48D** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D40C53**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6AFFC3**, and **009C5A** is the 20% darker color. If you saturate the color by 10%, you get **00D489**, and if you desaturate by 10%, it is **21D495**.

Distribution



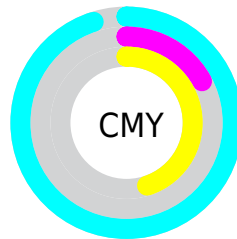
- Red (5%)
- Green (83%)
- Blue (55%)



- Red (5%)
- Yellow (53%)
- Blue (83%)



- Cyan (94%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)



- Cyan (95%)
- Magenta (17%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CD48D 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 0CD48D by changing the saturation by 10% instead.

 0CD48D

 0CD48D

FFFFFF

 00B873

 6AFFC3

 009C5A

 8AFFDF

 008142

 AAFFFC

 00672B

 C9FFFF

 004D15

 E8FFFF

 003500

 001C00

 000000

 0CD48D

 0CD48D

00D489

21D495

36D49C

4CD4A4

61D4AB

76D4B3

8BD4BA

A0D4C2

B6D4C9

CBD4D1

Harmonies

Analogous

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



8ACB59



0CD48D



00D7CA

Triad

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



0CD48D



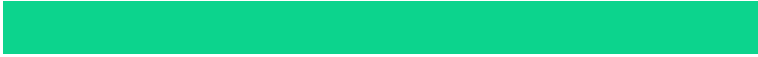
68BBFF



FF9173

Complementary

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



0CD48D



D40C53

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.



FF84AB



0CD48D



D4A3FF

Square

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



0CD48D



00CCFF



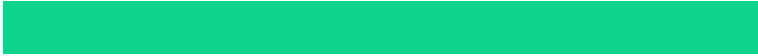
FF8CE6



FCA849

Rectangle

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



0CD48D



00D6F1



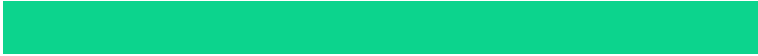
FF8CE6



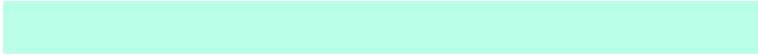
FF8B84

Sweetspot

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



0CD48D



B8FFE6



55D40C



548070



000000



808080

Same Dimension

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



0CD48D



00FFA4



0CB9D4



606B67



00AB6E



002B1C

Inverse Universe

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



D40C53



FF005B



D4270C



6B6064



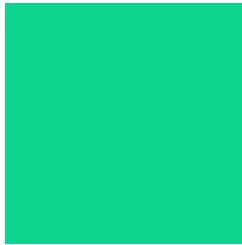
AB003D



2B000F

Previews

White Background



This preview shows how the Hex color 0CD48D 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 0CD48D 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 0CD48D Background



This preview shows how black text looks on a background with the Hex color 0CD48D.



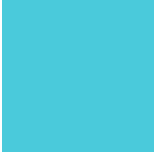
This preview shows how white text looks on a background with the Hex color 0CD48D.

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
0CD48D



Protanomaly
83C285



Deuteranomaly
8DBE92



Tritanomaly
33CEBF

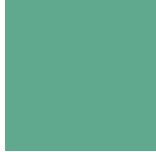
Monochromacy



Original Color
0CD48D



Achromatopsia
909090



Achromatomaly
60A98F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CD48D 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 #0CD48D looks like.

```
.text, #text, p{  
    color:#0CD48D  
}
```

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 #0CD48D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CD48D
}
```

Border

The CSS property to change the border of an element to Hex 0CD48D 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
#0CD48D }
```

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

```
.border{ border-color:#0CD48D }
```

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

Here you see how a box with a 4 pixel #0CD48D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CD48D; -webkit-box-shadow:4px 4px  
4px 4px #0CD48D; box-shadow:4px 4px 4px  
4px #0CD48D }
```

Background

The CSS property to change the background color of an element to Hex 0CD48D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CD48D }
```

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

```
.background{ background-color:#0CD48D }
```

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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