

# Converting Colors

Hex(2CD0B7)

Have a look what the booklet for  
Hex(2CD0B7) contains.

<b>Hex(2CD0B7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(2CD0B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CD0B7
RGB	44, 208, 183
RGB Percent	17%, 82%, 72%
CMY	0.8275, 0.1843, 0.2824
CMYK	0.79, 0.00, 0.12, 0.18
HSL	171°, 65%, 49%
HSV	171°, 79%, 82%
XYZ	32.1418, 49.0661, 52.5764
YIQ	156.1140, -89.7190, -42.5430

# Conversions

## Conversions Part 2

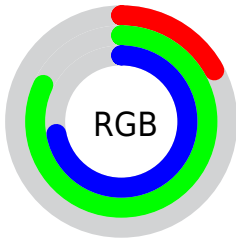
Format	Color
<a href="#">RYB</a>	<a href="#">44, 133, 208</a>
Decimal	<a href="#">2937015</a>
CIELab	<a href="#">75.49, -46.02, 0.84</a>
CIELCh	<a href="#">75, 46.023, 178.955</a>
Yxy	<a href="#">49.0661, 0.2403, 0.3668</a>
Android (android.graphics.Color)	<a href="#">4281127095</a> ( <a href="#">0xFF2CD0B7</a> )
YUV	<a href="#">156.1140, 13.2548, -98.3240</a>
Hunter-Lab	<a href="#">70.0472, -40.6762, 4.5308</a>

# Details

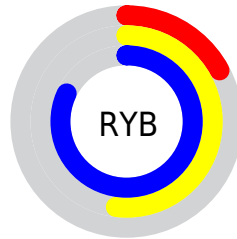
The Hex color **2CD0B7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **D02C45**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **76FFEF**, and **009982** is the 20% darker color. If you saturate the color by 10%, you get **17D0B4**, and if you desaturate by 10%, it is **41D0BA**.

# Distribution



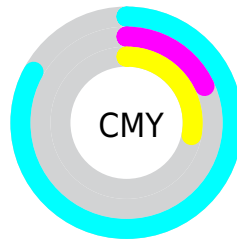
- Red (17%)
- Green (82%)
- Blue (72%)



- Red (17%)
- Yellow (52%)
- Blue (82%)



- Cyan (79%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (83%)
- Magenta (18%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CD0B7 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 2CD0B7 by changing the saturation by 10% instead.



 2CD0B7

 2CD0B7

FFFFFF

 00B49C

 76FFEF

 009982

 96FFFF

 007E69

 B4FFFF

 006451

 D3FFFF

 004B3A

 F2FFFF

 003325

 001C10

 000000

 2CD0B7

 2CD0B7

■ 17D0B4

■ 41D0BA

■ 02D0B1

■ 56D0BD

■ 00D0B0

■ 6AD0C1

■ 7FD0C4

■ 94D0C7

■ A9D0CA

■ BED0CD

■ D2D0D0

■ E7D0D4

# Harmonies

## Analogous

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



77CC8D



2CD0B7



00CFE2

# Triad

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



2CD0B7



BCAFFF



F7A872

# Complementary

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



2CD0B7



D02C45

# 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.



FF9B93



2CD0B7



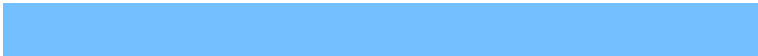
EEA0E6

# Square

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



2CD0B7



74BFFF



FF98BD



D6B764

# Rectangle

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



2CD0B7



00CCF9



FF98BD



FFA37C

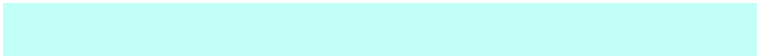


# Sweetspot

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



2CD0B7



C2FFF6



47D02C



5B807A



000000



808080



# Same Dimension

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



2CD0B7



0DFFDA



2C99D0



5E6967



00A88F



002923



# Inverse Universe

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



D02C45



FF0D32



D0632C



695E60



A8001A

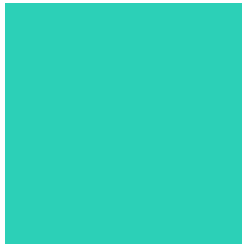


290006



# Previews

## White Background



This preview shows how the Hex color 2CD0B7 looks on a white background.

## Color Contrast Check

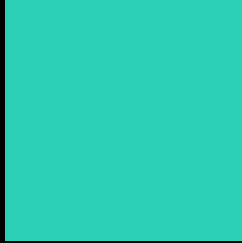
Large Text (above 18pt) WCAG AA × Fail

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 2CD0B7 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

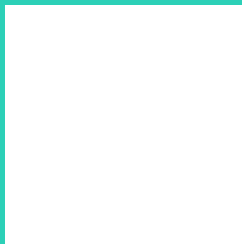
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2CD0B7 Background



This preview shows how black text looks on a background with the Hex color 2CD0B7.



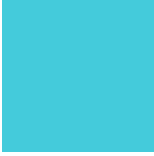
This preview shows how white text looks on a background with the Hex color 2CD0B7.

# 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



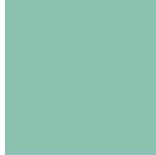


**Tritanopia**  
44CBDB

# Trichromacy



**Original Color**  
2CD0B7



**Protanomaly**  
8AC1AF



**Deuteranomaly**  
8FBEBB



**Tritanomaly**  
3BCDCE

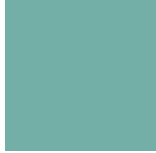
# Monochromacy



**Original Color**  
2CD0B7



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
73AFA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CD0B7 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 #2CD0B7 looks like.

```
.text, #text, p{  
    color:#2CD0B7  
}
```

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 #2CD0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CD0B7
}
```

## Border

The CSS property to change the border of an element to Hex 2CD0B7 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
#2CD0B7 }
```

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

```
.border{ border-color:#2CD0B7 }
```

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

Here you see how a box with a 4 pixel #2CD0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CD0B7; -webkit-box-shadow:4px 4px  
4px 4px #2CD0B7; box-shadow:4px 4px 4px  
4px #2CD0B7 }
```

# Background

The CSS property to change the background color of an element to Hex 2CD0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CD0B7 }
```

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

```
.background{ background-color:#2CD0B7 }
```

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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