

# Converting Colors

Hex(2CD3B4)

Have a look what the booklet for  
Hex(2CD3B4) contains.

<b>Hex(2CD3B4)</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(2CD3B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CD3B4
RGB	44, 211, 180
RGB Percent	17%, 83%, 71%
CMY	0.8275, 0.1725, 0.2941
CMYK	0.79, 0.00, 0.15, 0.17
HSL	169°, 65%, 50%
HSV	169°, 79%, 83%
XYZ	32.5712, 50.4193, 51.1952
YIQ	157.5330, -89.5810, -45.0450

# Conversions

## Conversions Part 2

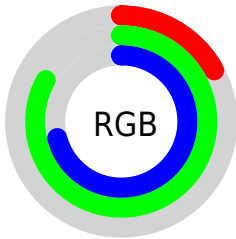
Format	Color
<a href="#">RYB</a>	<a href="#">44, 136, 211</a>
Decimal	<a href="#">2937780</a>
CIELab	<a href="#">76.33, -48.06, 3.66</a>
CIELCh	<a href="#">76, 48.203, 175.642</a>
Yxy	<a href="#">50.4193, 0.2427, 0.3757</a>
Android (android.graphics.Color)	<a href="#">4281127860</a> ( <a href="#">0xFF2CD3B4</a> )
YUV	<a href="#">157.5330, 11.0762, -99.5684</a>
Hunter-Lab	<a href="#">71.0065, -42.3823, 6.9569</a>

# Details

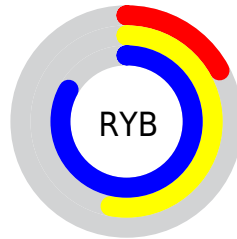
The Hex color **2CD3B4** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D32C4B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **76FFEC**, and **009B7F** is the 20% darker color. If you saturate the color by 10%, you get **17D3B0**, and if you desaturate by 10%, it is **41D3B8**.

# Distribution



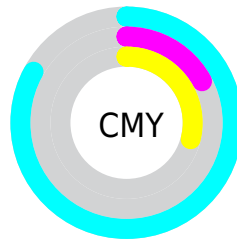
- Red (17%)
- Green (83%)
- Blue (71%)



- Red (17%)
- Yellow (53%)
- Blue (83%)



- Cyan (79%)
- Magenta (0%)
- Yellow (15%)
- Black (17%)



- Cyan (83%)
- Magenta (17%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CD3B4 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 2CD3B4 by changing the saturation by 10% instead.



 2CD3B4

 2CD3B4

FFFFFF

 00B799

 76FFEC

 009B7F

 96FFFF

 008166

 B5FFFF

 00674E

 D4FFFF

 004D38

 F3FFFF

 003522

 001F0D

 000000

 2CD3B4

 2CD3B4

■ 17D3B0

■ 41D3B8

■ 02D3AC

■ 56D3BC

■ 00D3AC

■ 6BD3C0

■ 80D3C4

■ 96D3C8

■ ABD3CC

■ C0D3CF

■ D5D3D3

■ EAD3D7

# Harmonies

## Analogous

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



7CCE88



2CD3B4



00D3E1

# Triad

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



2CD3B4



B6B3FF



FFA874

# Complementary

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



2CD3B4



D32C4B

# 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.



FF9B98



2CD3B4



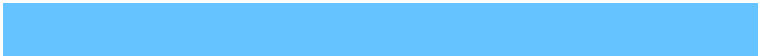
EEA3EF

# Square

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



2CD3B4



65C3FF



FF99C5



DEB762

# Rectangle

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



2CD3B4



00D0FB



FF99C5



FFA37E

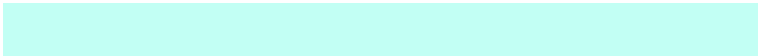


# Sweetspot

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



2CD3B4



C2FFF4



4DD32C



5B8079



000000



808080



# Same Dimension

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



2CD3B4



0DFFD2



2CA1D3



5E6967



00A889



002921



# Inverse Universe

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



D32C4B



FF0D3A



D35E2C



695E60



A8001F

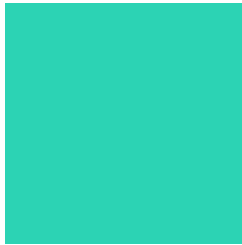


290008



# Previews

## White Background



This preview shows how the Hex color 2CD3B4 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 2CD3B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

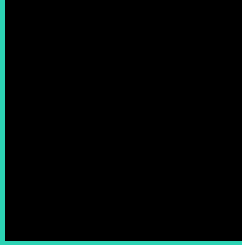
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

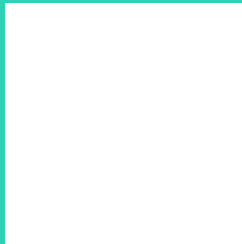
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2CD3B4 Background



This preview shows how black text looks on a background with the Hex color 2CD3B4.

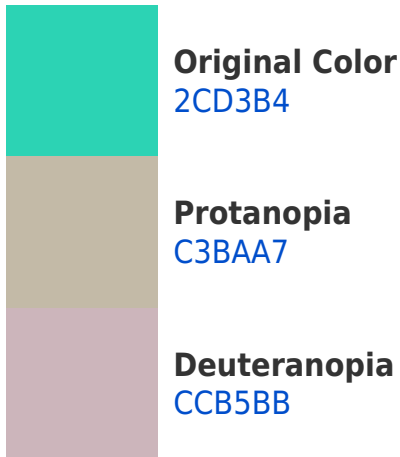


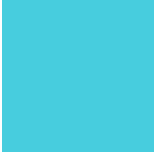
This preview shows how white text looks on a background with the Hex color 2CD3B4.

# 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**  
47CDDE

# Trichromacy



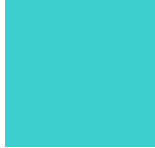
**Original Color**  
2CD3B4



**Protanomaly**  
8CC3AC



**Deuteranomaly**  
92C0B8



**Tritanomaly**  
3DCFCF

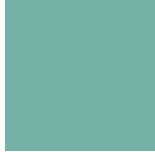
# Monochromacy



**Original Color**  
2CD3B4



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
75B1A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CD3B4 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 #2CD3B4 looks like.

```
.text, #text, p{  
    color:#2CD3B4  
}
```

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 #2CD3B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CD3B4
}
```

## Border

The CSS property to change the border of an element to Hex 2CD3B4 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
#2CD3B4 }
```

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

```
.border{ border-color:#2CD3B4 }
```

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

Here you see how a box with a 4 pixel #2CD3B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CD3B4; -webkit-box-shadow:4px 4px  
4px 4px #2CD3B4; box-shadow:4px 4px 4px  
4px #2CD3B4 }
```

# Background

The CSS property to change the background color of an element to Hex 2CD3B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CD3B4 }
```

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

```
.background{ background-color:#2CD3B4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor