

Converting Colors

Hex(2CD1B7)

Have a look what the booklet for
Hex(2CD1B7) contains.

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Color

Hex(2CD1B7)

Conversions

Conversions Part 1

Format	Color
Hex	2CD1B7
RGB	44, 209, 183
RGB Percent	17%, 82%, 72%
CMY	0.8275, 0.1804, 0.2824
CMYK	0.79, 0.00, 0.12, 0.18
HSL	171°, 65%, 50%
HSV	171°, 79%, 82%
XYZ	32.3864, 49.5553, 52.6579
YIQ	156.7010, -89.9940, -43.0660

Conversions

Conversions Part 2

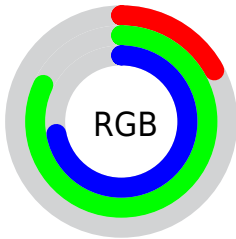
Format	Color
R_{YB}	44, 134, 209
Decimal	2937271
CIE _{Lab}	75.80, -46.44, 1.28
CIE _{LCh}	76, 46.458, 178.420
Yxy	49.5553, 0.2406, 0.3682
Android (android.graphics.Color)	4281127351 (0xFF2CD1B7)
YUV	156.7010, 12.9654, -98.8388
Hunter-Lab	70.3955, -41.0708, 4.9262

Details

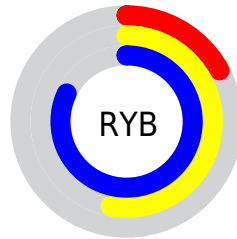
The Hex color **2CD1B7** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D12C46**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **76FFEF**, and **009A82** is the 20% darker color. If you saturate the color by 10%, you get **17D1B4**, and if you desaturate by 10%, it is **41D1BA**.

Distribution



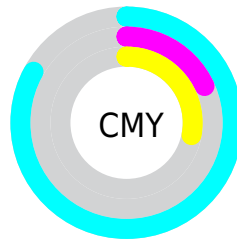
- Red (17%)
- Green (82%)
- Blue (72%)



- Red (17%)
- Yellow (53%)
- 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 2CD1B7 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 2CD1B7 by changing the saturation by 10% instead.

 2CD1B7

 2CD1B7

FFFFFF

 00B59C


 76FFEF

 009A82

 96FFFF

 007F69

 B5FFFF

 006551

 D3FFFF

 004C3A

 F2FFFF

 003425

 001D10

 000000

 2CD1B7

 2CD1B7

■ 17D1B4

■ 41D1BA

■ 02D1B0

■ 56D1BE

■ 00D1B0

■ 6BD1C1

■ 80D1C4

■ 95D1C7

■ A9D1CB

■ BED1CE

■ D3D1D1

■ E8D1D5

Harmonies

Analogous

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



78CD8C



2CD1B7



00D0E2

Triad

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



2CD1B7



BBB1FF



F9A873

Complementary

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



2CD1B7



D12C46

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.



FF9C94



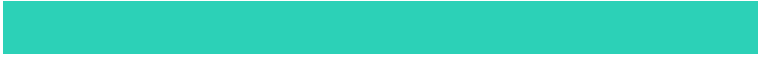
2CD1B7



EEA1E8

Square

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



2CD1B7



72C0FF



FF98BF



D8B864

Rectangle

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



2CD1B7



00CDFA



FF98BF



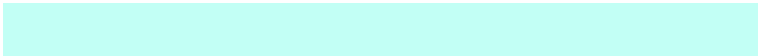
FFA37C

Sweetspot

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



2CD1B7



C2FFF5



48D12C



5B807A



000000



808080

Same Dimension

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



2CD1B7



0DFFD9



2C9AD1



5E6967



00A88E



002922

Inverse Universe

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



D12C46



FF0D33



D1632C



695E60



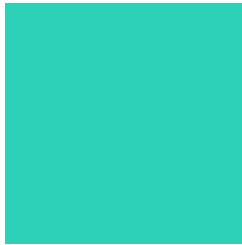
A8001B



290006

Previews

White Background



This preview shows how the Hex color 2CD1B7 looks on a white background.

Color Contrast Check

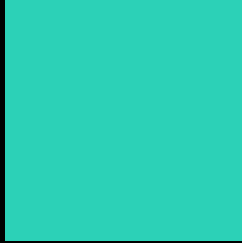
Large Text (above 18pt) WCAG AA × Fail

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 2CD1B7 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

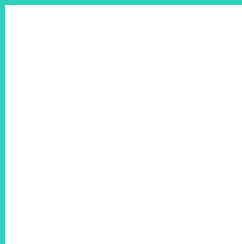
Any Text WCAG AAA ✓ Pass

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

Hex 2CD1B7 Background



This preview shows how black text looks on a background with the Hex color 2CD1B7.

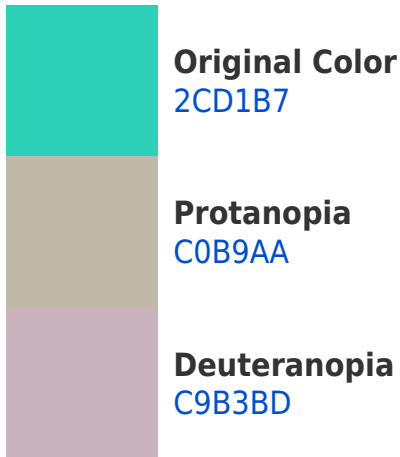


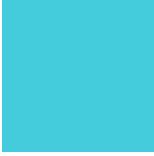
This preview shows how white text looks on a background with the Hex color 2CD1B7.

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
2CD1B7



Protanomaly
8AC2AF



Deuteranomaly
90BEBB



Tritanomaly
3CCECF

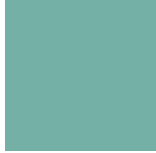
Monochromacy



Original Color
2CD1B7



Achromatopsia
9D9D9D



Achromatomaly
74B0A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CD1B7 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 #2CD1B7 looks like.

```
.text, #text, p{  
    color:#2CD1B7  
}
```

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 #2CD1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CD1B7
}
```

Border

The CSS property to change the border of an element to Hex 2CD1B7 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
#2CD1B7 }
```

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

```
.border{ border-color:#2CD1B7 }
```

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

Here you see how a box with a 4 pixel #2CD1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CD1B7; -webkit-box-shadow:4px 4px  
4px 4px #2CD1B7; box-shadow:4px 4px 4px  
4px #2CD1B7 }
```

Background

The CSS property to change the background color of an element to Hex 2CD1B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CD1B7 }
```

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

```
.background{ background-color:#2CD1B7 }
```

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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