

Converting Colors

Hex(2CDBB3)

Have a look what the booklet for
Hex(2CDBB3) contains.

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Color

Hex(2CDBB3)

Conversions

Conversions Part 1

Format	Color
Hex	2CDDB3
RGB	44, 219, 179
RGB Percent	17%, 86%, 70%
CMY	0.8275, 0.1412, 0.2980
CMYK	0.80, 0.00, 0.18, 0.14
HSL	166°, 71%, 52%
HSV	166°, 80%, 86%
XYZ	34.5069, 54.4532, 51.3396
YIQ	162.1150, -91.4600, -49.5400

Conversions

Conversions Part 2

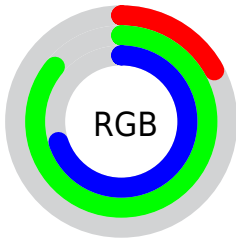
Format	Color
RYB	44, 143, 219
Decimal	2939827
CIELab	78.73, -51.61, 7.65
CIELCh	79, 52.172, 171.565
Yxy	54.4532, 0.2460, 0.3881
Android (android.graphics.Color)	4281129907 (0xFF2CDBB3)
YUV	162.1150, 8.3243, -103.5869
Hunter-Lab	73.7924, -45.6663, 10.4048

Details

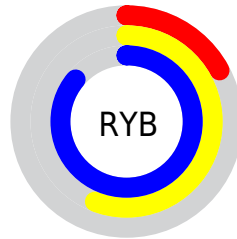
The Hex color **2CDDB3** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **DB2C54**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **78FFEB**, and **00A37E** is the 20% darker color. If you saturate the color by 10%, you get **16DBAE**, and if you desaturate by 10%, it is **42DBB8**.

Distribution



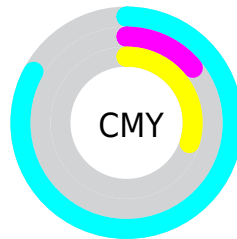
- Red (17%)
- Green (86%)
- Blue (70%)



- Red (17%)
- Yellow (56%)
- Blue (86%)



- Cyan (80%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)



- Cyan (83%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CDDB3 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 2CDDB3 by changing the saturation by 10% instead.

 2CDBB3

 2CDBB3

FFFFFF

 00BF98

 78FFEB

 00A37E

 98FFFF

 008865

 B7FFFF

 006E4D

 D6FFFF

 005437

 F5FFFF

 003B21

 00250B

 000000

 2CDBB3

 2CDBB3

16DBAE

42DBB8

00DBA9

58DBBD

6EDBC2

84DBC7

9ADBCC

AFDBD1

C5DBD6

DBDBDB

F1DBE0

Harmonies

Analogous

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



85D584



2CDBB3



00DCE5

Triad

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



2CDDB3



B2BBFF



FFAA78

Complementary

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



2CDDB3



DB2C54

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.



FF9DA2



2CDBB3



F2A9FF

Square

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



2CDDB3



4DCCFF



FF9CD3



ECBB61

Rectangle

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



2CDBB3



00D9FF



FF9CD3



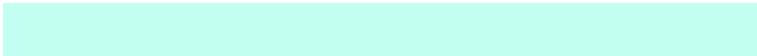
FFA585

Sweetspot

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



2CDBB3



C2FFF1



55DB2C



5B8077



000000



808080

Same Dimension

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



2CDBB3



0AFFC7



2CACDB



636E6B



00AD86



002E23

Inverse Universe

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



DB2C54



FF0A42



DB5B2C



6E6365



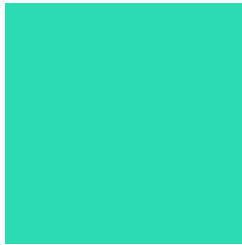
AD0028



2E000A

Previews

White Background



This preview shows how the Hex color 2CDBB3 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 2CDDB3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

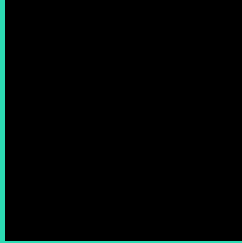
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

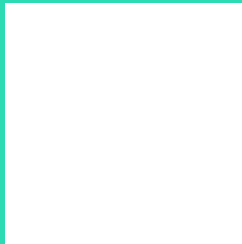
Any Text WCAG AAA ✓ Pass

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

Hex 2CDBB3 Background



This preview shows how black text looks on a background with the Hex color 2CDBB3.

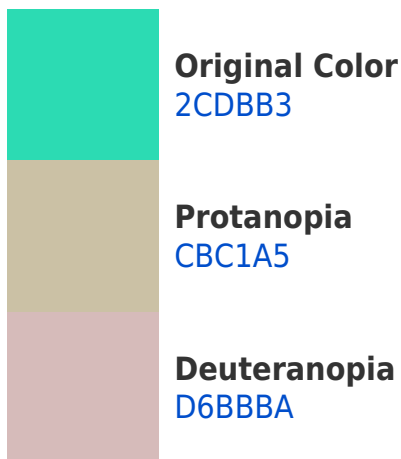


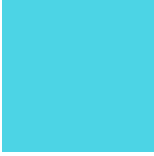
This preview shows how white text looks on a background with the Hex color 2CDBB3.

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



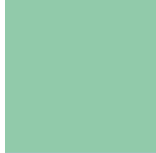


Tritanopia
4CD4E5

Trichromacy



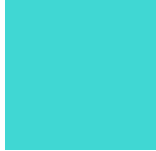
Original Color
2CDDB3



Protanomaly
91CAAA

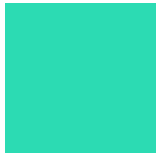


Deuteranomaly
98C7B7

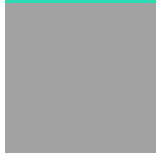


Tritanomaly
40D7D3

Monochromacy



Original Color
2CDDB3



Achromatopsia
A2A2A2



Achromatomaly
77B7A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CDBB3 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 #2CDBB3 looks like.

```
.text, #text, p{  
    color:#2CDBB3  
}
```

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 #2CDBB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CDBB3
}
```

Border

The CSS property to change the border of an element to Hex 2CDBB3 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
#2CDBB3 }
```

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

```
.border{ border-color:#2CDBB3 }
```

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

Here you see how a box with a 4 pixel #2CDBB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CDBB3; -webkit-box-shadow:4px 4px  
4px 4px #2CDBB3; box-shadow:4px 4px 4px  
4px #2CDBB3 }
```

Background

The CSS property to change the background color of an element to Hex 2CDBB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CDBB3 }
```

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

```
.background{ background-color:#2CDBB3 }
```

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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