

Converting Colors

Hex(2CCDAD)

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

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Color

Hex(2CCDAD)

Conversions

Conversions Part 1

Format	Color
Hex	2CCDAD
RGB	44, 205, 173
RGB Percent	17%, 80%, 68%
CMY	0.8275, 0.1961, 0.3216
CMYK	0.79, 0.00, 0.16, 0.20
HSL	168°, 65%, 49%
HSV	168°, 79%, 80%
XYZ	30.4129, 47.2152, 47.0457
YIQ	153.2130, -85.6840, -44.0840

Conversions

Conversions Part 2

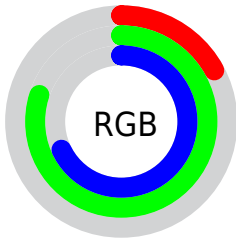
Format	Color
R_{YB}	44, 133, 205
Decimal	2936237
CIE _{Lab}	74.33, -47.35, 4.54
CIE _{LCh}	74, 47.571, 174.527
Y _{xy}	47.2152, 0.2439, 0.3787
Android (android.graphics.Color)	4281126317 (0xFF2CCDAD)
YUV	153.2130, 9.7550, -95.7798
Hunter-Lab	68.7134, -41.2434, 7.5055

Details

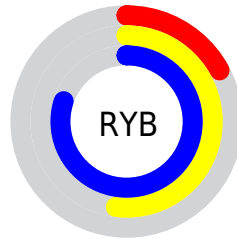
The Hex color **2CCDAD** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CD2C4C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **75FFE4**, and **009679** is the 20% darker color. If you saturate the color by 10%, you get **18CDA9**, and if you desaturate by 10%, it is **41CDB1**.

Distribution



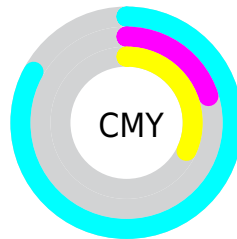
- Red (17%)
- Green (80%)
- Blue (68%)



- Red (17%)
- Yellow (52%)
- Blue (80%)



- Cyan (79%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (83%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 2CCDAD


 2CCDAD

FFFFFF

 00B192

 75FFE4

 009679

 94FFFF

 007B60

 B3FFFF

 006148

 D1FFFF

 004832

 F0FFFF

 00311D

 001804

 000000

 2CCDAD

 2CCDAD

■ 18CDA9

■ 41CDB1

■ 03CDA5

■ 55CDB5

■ 00CDA4

■ 6ACDB9

■ 7ECDBD

■ 93CDC1

■ A7CDC5

■ BCCDCA

■ D0CDCE

■ E5CDD2

Harmonies

Analogous

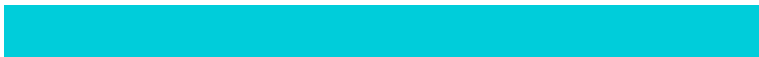
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7AC882



2CCDAD



00CDDA

Triad

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



2CCDAD



AFAEFF



F9A271

Complementary

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



2CCDAD



CD2C4C

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.



FF9695



2CCDAD



E69EEA

Square

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



2CCDAD



5DBEFF



FF94C1



D9B25E

Rectangle

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



2CCDAD



00CAF3



FF94C1



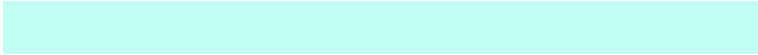
FF9D7B

Sweetspot

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



2CCDAD



C2FFF3



4CCD2C



5B8078



000000



808080

Same Dimension

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



2CCDAD



0FFFCF



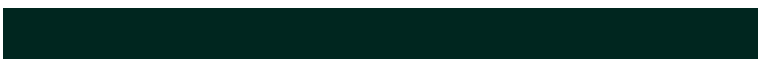
2C9DCD



5C6664



00A685



00261F

Inverse Universe

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



CD2C4C



FF0F3F



CD5C2C



665C5E



A60021



260008

Previews

White Background



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

Color Contrast Check

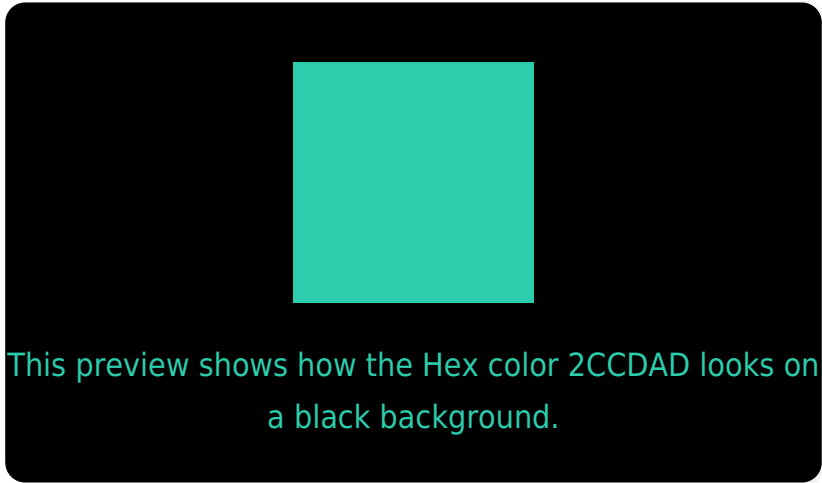
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

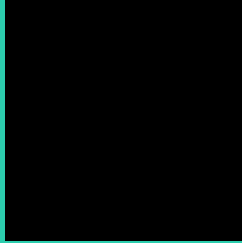
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

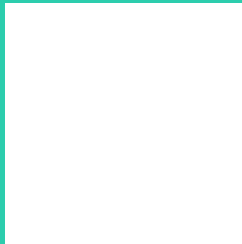
Any Text WCAG AAA ✓ Pass

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

Hex 2CCDAD Background



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

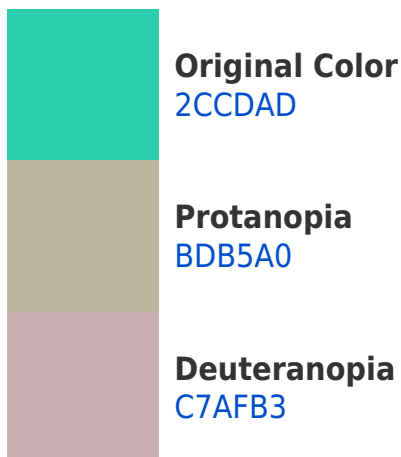


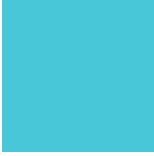
This preview shows how white text looks on a background with the Hex color 2CCDAD.

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
47C7D7

Trichromacy



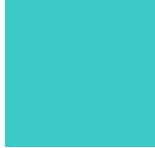
Original Color
2CCDAD



Protanomaly
88BEA5



Deuteranomaly
8FBAB1



Tritanomaly
3DC9C8

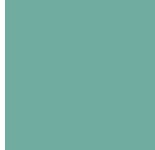
Monochromacy



Original Color
2CCDAD



Achromatopsia
999999



Achromatomaly
71ACA0

CSS Examples

Text

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

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

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 #2CCDAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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