

# Converting Colors

Hex(2CDED2)

Have a look what the booklet for  
Hex(2CDED2) contains.

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# Color

**Hex(2CDED2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CDED2
RGB	44, 222, 210
RGB Percent	17%, 87%, 82%
CMY	0.8275, 0.1294, 0.1765
CMYK	0.80, 0.00, 0.05, 0.13
HSL	176°, 73%, 52%
HSV	176°, 80%, 87%
XYZ	38.7928, 57.4312, 70.0135
YIQ	167.4100, -102.2360, -41.4680

# Conversions

## Conversions Part 2

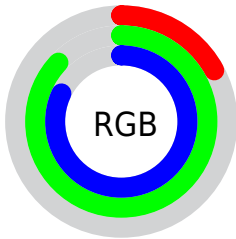
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 136, 222
Decimal	2940626
CIE <sub>Lab</sub>	80.42, -44.72, -6.38
CIE <sub>LCh</sub>	80, 45.176, 188.120
Yxy	57.4312, 0.2334, 0.3455
Android (android.graphics.Color)	4281130706 (0xFF2CDED2)
YUV	167.4100, 20.9969, -108.2306
Hunter-Lab	75.7834, -41.2483, -1.7275

# Details

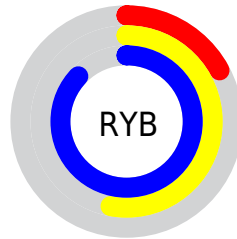
The Hex color **2CDED2** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DE2C38**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **7BFFFF**, and **00A69C** is the 20% darker color. If you saturate the color by 10%, you get **16DED1**, and if you desaturate by 10%, it is **42DED3**.

# Distribution



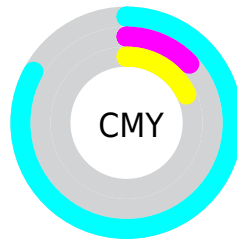
- Red (17%)
- Green (87%)
- Blue (82%)



- Red (17%)
- Yellow (53%)
- Blue (87%)



- Cyan (80%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (83%)
- Magenta (13%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CDED2 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 2CDED2 by changing the saturation by 10% instead.



 2CDED2

 2CDED2

FFFFFF

 00C2B6

 7BFFFF

 00A69C

 9BFFFF

 008B82

 BBFFFF

 007169

 DAFFFF

 005751

 F9FFFF

 003F3A

 002A24

 000410

 000000

■ 2CDED2

■ 2CDED2

■ 16DED1

■ 42DED3

■ 00DECF

■ 58DED5

■ 6FDED6

■ 85DED8

■ 9BDED9

■ B1DEDB

■ C7DEDC

■ DEDEDE

■ F4DEDF

# Harmonies

## Analogous

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



75DBA7



2CDED2



00DCFA

# Triad

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



2CDED2



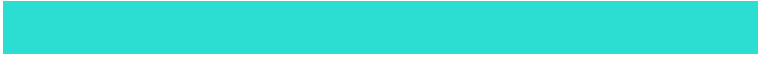
DBB8FF



FDBA7A

# Complementary

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



2CDED2



DE2C38

# 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.



FFAD95



2CDED2



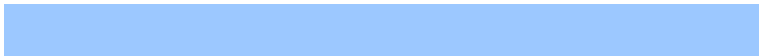
FFABE8

# Square

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



2CDED2



9CC8FF



FFA6BE



D8C973

# Rectangle

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



2CDED2



24D7FF



FFA6BE



FFB581

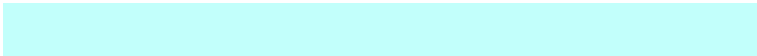


# Sweetspot

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



2CDED2



C2FFFB



3BDE2C



5B807D



000000



808080



# Same Dimension

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



2CDED2



0AFFEE



2C94DE



65706F



00B0A4



00302D



# Inverse Universe

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



DE2C38



FF0A1B



DE762C



706566



B0000C

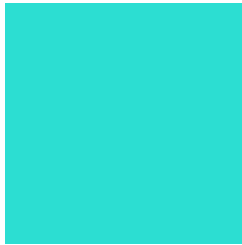


300003



# Previews

## White Background



This preview shows how the Hex color 2CDED2 looks on a white background.

## Color Contrast Check

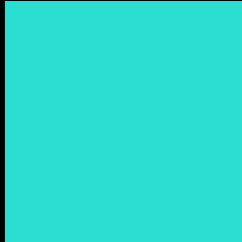
Large Text (above 18pt) WCAG AA × Fail

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 2CDED2 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

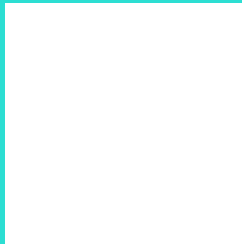
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2CDED2 Background



This preview shows how black text looks on a background with the Hex color 2CDED2.

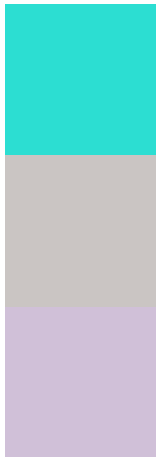


This preview shows how white text looks on a background with the Hex color 2CDED2.

# 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](#).

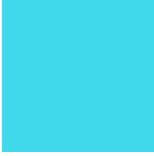
## Dichromacy



**Original Color**  
2CDED2

**Protanopia**  
CAC5C3

**Deuteranopia**  
D0C0D8



**Tritanopia**  
41DAEC

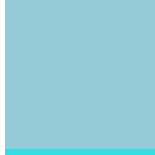
# Trichromacy



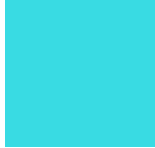
**Original Color**  
2CDED2



**Protanomaly**  
91CEC8



**Deuteranomaly**  
94CBD6



**Tritanomaly**  
39DBE3

# Monochromacy



**Original Color**  
2CDED2



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
7ABBB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CDED2 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 #2CDED2 looks like.

```
.text, #text, p{  
    color:#2CDED2  
}
```

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 #2CDED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CDED2
}
```

## Border

The CSS property to change the border of an element to Hex 2CDED2 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
#2CDED2 }
```

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

```
.border{ border-color:#2CDED2 }
```

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

Here you see how a box with a 4 pixel #2CDED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CDED2; -webkit-box-shadow:4px 4px  
4px 4px #2CDED2; box-shadow:4px 4px 4px  
4px #2CDED2 }
```

# Background

The CSS property to change the background color of an element to Hex 2CDED2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CDED2 }
```

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

```
.background{ background-color:#2CDED2 }
```

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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