

Converting Colors

Hex(2CD6C3)

Have a look what the booklet for
Hex(2CD6C3) contains.

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Color

Hex(2CD6C3)

Conversions

Conversions Part 1

Format	Color
Hex	2CD6C3
RGB	44, 214, 195
RGB Percent	17%, 84%, 76%
CMY	0.8275, 0.1608, 0.2353
CMYK	0.79, 0.00, 0.09, 0.16
HSL	173°, 67%, 51%
HSV	173°, 79%, 84%
XYZ	34.9356, 52.5687, 59.9352
YIQ	161.0040, -95.2210, -41.9490

Conversions

Conversions Part 2

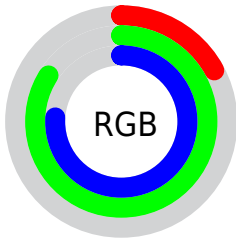
Format	Color
R _Y B	44, 134, 214
Decimal	2938563
CIE Lab	77.62, -45.37, -2.50
CIE LCh	78, 45.439, 183.149
Yxy	52.5687, 0.2369, 0.3565
Android (android.graphics.Color)	4281128643 (0xFF2CD6C3)
YUV	161.0040, 16.7600, -102.6125
Hunter-Lab	72.5043, -40.8738, 1.7413

Details

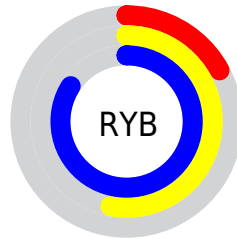
The Hex color **2CD6C3** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D62C3F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **78FFFB**, and **009E8D** is the 20% darker color. If you saturate the color by 10%, you get **17D6C1**, and if you desaturate by 10%, it is **41D6C5**.

Distribution



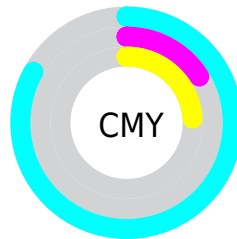
- Red (17%)
- Green (84%)
- Blue (76%)



- Red (17%)
- Yellow (53%)
- Blue (84%)



- Cyan (79%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (83%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CD6C3 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 2CD6C3 by changing the saturation by 10% instead.

 2CD6C3

 2CD6C3

FFFFFF

 00BAA8

 78FFFB

 009E8D

 98FFFF

 008474

 B7FFFF

 006A5B

 D6FFFF

 005044

 F5FFFF

 00382E

 002219

 000000

 2CD6C3

 2CD6C3

■ 17D6C1

■ 41D6C5

■ 01D6BE

■ 57D6C8

■ 00D6BE

■ 6CD6CA

■ 82D6CD

■ 97D6CF

■ ACD6D1

■ C2D6D4

■ D7D6D6

■ EDD6D9

Harmonies

Analogous

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



76D398



2CD6C3



00D5ED

Triad

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



2CD6C3



CAB3FF



F9B075

Complementary

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



2CD6C3



D62C3F

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.



FFA394



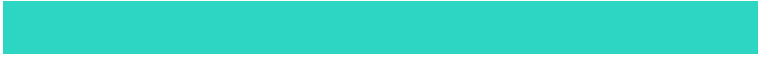
2CD6C3



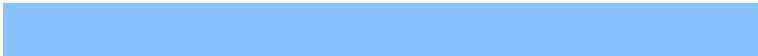
F8A5E7

Square

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



2CD6C3



87C3FF



FF9EBD



D6BF6A

Rectangle

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



2CD6C3



00D1FF



FF9EBD



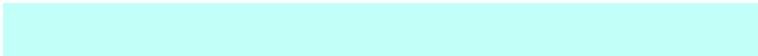
FFAB7E

Sweetspot

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



2CD6C3



C2FFF8



40D62C



5B807B



000000



808080

Same Dimension

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



2CD6C3



0DFFE4



2C95D6



606B6A



00AB98



002B27

Inverse Universe

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



D62C3F



FF0D28



D66D2C



6B6062



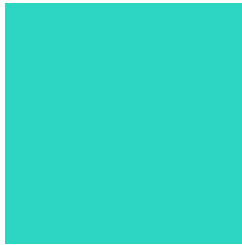
AB0013



2B0005

Previews

White Background



This preview shows how the Hex color 2CD6C3 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 2CD6C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

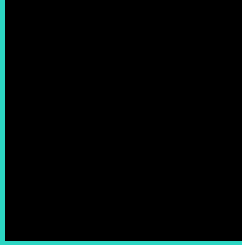
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

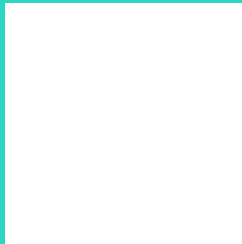
Any Text WCAG AAA ✓ Pass

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

Hex 2CD6C3 Background



This preview shows how black text looks on a background with the Hex color 2CD6C3.

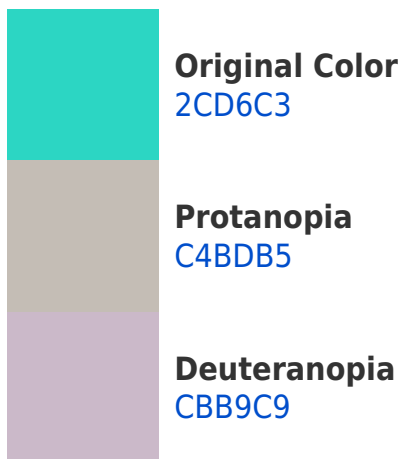


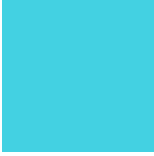
This preview shows how white text looks on a background with the Hex color 2CD6C3.

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](#).

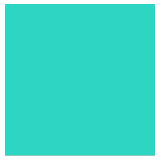
Dichromacy





Tritanopia
43D1E2

Trichromacy



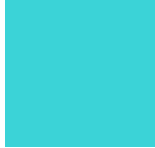
Original Color
2CD6C3



Protanomaly
8DC6BA



Deuteranomaly
91C4C7

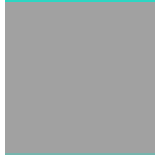


Tritanomaly
3BD3D7

Monochromacy



Original Color
2CD6C3



Achromatopsia
A1A1A1



Achromatomaly
76B4AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CD6C3 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 #2CD6C3 looks like.

```
.text, #text, p{  
    color:#2CD6C3  
}
```

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 #2CD6C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CD6C3
}
```

Border

The CSS property to change the border of an element to Hex 2CD6C3 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
#2CD6C3 }
```

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

```
.border{ border-color:#2CD6C3 }
```

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

Here you see how a box with a 4 pixel #2CD6C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CD6C3; -webkit-box-shadow:4px 4px  
4px 4px #2CD6C3; box-shadow:4px 4px 4px  
4px #2CD6C3 }
```

Background

The CSS property to change the background color of an element to Hex 2CD6C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CD6C3 }
```

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

```
.background{ background-color:#2CD6C3 }
```

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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