

Converting Colors

Hex(2CC8D7)

Have a look what the booklet for
Hex(2CC8D7) contains.

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Color

Hex(2CC8D7)

Conversions

Conversions Part 1

Format	Color
Hex	2CC8D7
RGB	44, 200, 215
RGB Percent	17%, 78%, 84%
CMY	0.8275, 0.2157, 0.1569
CMYK	0.80, 0.07, 0.00, 0.16
HSL	185°, 68%, 51%
HSV	185°, 80%, 84%
XYZ	33.9587, 46.7503, 71.5239
YIQ	155.0660, -97.7910, -28.4070

Conversions

Conversions Part 2

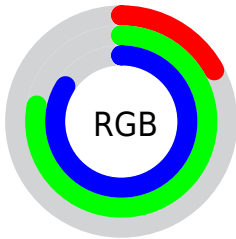
Format	Color
RYB	44, 126, 215
Decimal	2934999
CIELab	74.03, -33.27, -18.63
CIELCh	74, 38.130, 209.254
Yxy	46.7503, 0.2231, 0.3071
Android (android.graphics.Color)	4281125079 (0xFF2CC8D7)
YUV	155.0660, 29.5475, -97.4049
Hunter-Lab	68.3742, -31.0011, -14.1593

Details

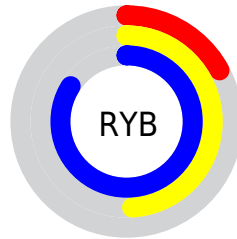
The Hex color **2CC8D7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D73B2C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **78FFFF**, and **0091A0** is the 20% darker color. If you saturate the color by 10%, you get **16C6D7**, and if you desaturate by 10%, it is **41CAD7**.

Distribution



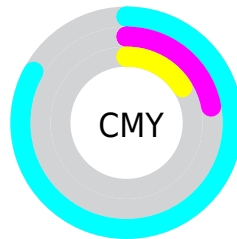
- Red (17%)
- Green (78%)
- Blue (84%)



- Red (17%)
- Yellow (49%)
- Blue (84%)



- Cyan (80%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (83%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CC8D7 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 2CC8D7 by changing the saturation by 10% instead.

■ 2CC8D7

■ 2CC8D7

FFFFFF

■ 00ACBB

■ 78FFFF

■ 0091A0

■ 98FFFF

■ 007786

■ B7FFFF

■ 005E6D

■ D6FFFF

■ 004654

■ F5FFFF

■ 002F3D

■ 001827

■ 000112

■ 000000

■ 2CC8D7

■ 2CC8D7

■ 16C6D7

■ 41CAD7

■ 01C4D7

■ 57CCD7

■ 00C4D7

■ 6CCED7

■ 82D0D7

■ 98D1D7

■ ADD3D7

■ C3D5D7

■ D8D7D7

■ EED9D7

Harmonies

Analogous

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



53C9B4



2CC8D7



48C3F1

Triad

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



2CC8D7



E1A1DA



CEB46F

Complementary

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



2CC8D7



D73B2C

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.



EAA77B



2CC8D7



F79BB8

Square

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



2CC8D7



B9ADF3



F99E96



AABE78

Rectangle

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



2CC8D7



6FBDF4



F99E96



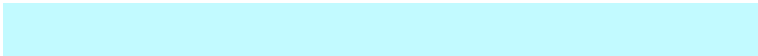
D9B071

Sweetspot

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



2CC8D7



C2FAFF



2CD73A



5B7C80



000000



808080

Same Dimension

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



2CC8D7



0DEAFF



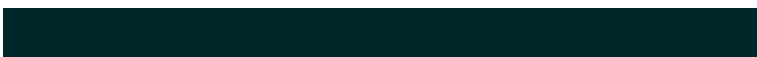
2C73D7



606A6B



009CAB



00282B

Inverse Universe

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



D72CC8



FF0DEA



D7902C



6B606A



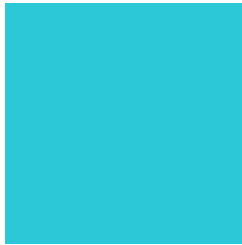
AB009C



2B0028

Previews

White Background



This preview shows how the Hex color 2CC8D7 looks on a white background.

Color Contrast Check

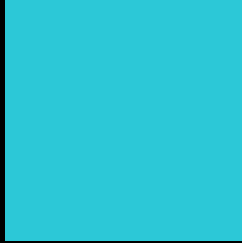
Large Text (above 18pt) WCAG AA × Fail

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 2CC8D7 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 2CC8D7 Background



This preview shows how black text looks on a background with the Hex color 2CC8D7.

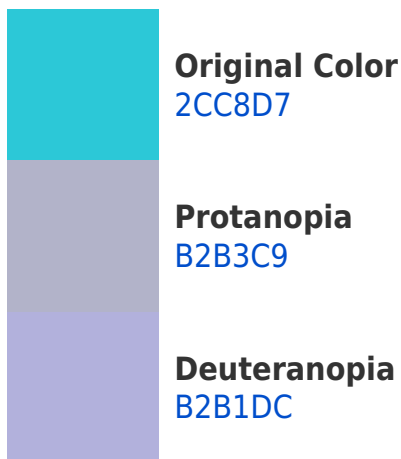


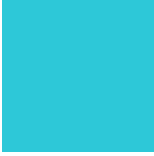
This preview shows how white text looks on a background with the Hex color 2CC8D7.

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
2DC8D8

Trichromacy



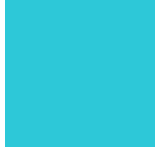
Original Color
2CC8D7



Protanomaly
81BBCE



Deuteranomaly
81B9DA



Tritanomaly
2DC8D8

Monochromacy



Original Color
2CC8D7



Achromatopsia
9B9B9B



Achromatomaly
73ABB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CC8D7 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 #2CC8D7 looks like.

```
.text, #text, p{  
    color:#2CC8D7  
}
```

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 #2CC8D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CC8D7
}
```

Border

The CSS property to change the border of an element to Hex 2CC8D7 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
#2CC8D7 }
```

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

```
.border{ border-color:#2CC8D7 }
```

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

Here you see how a box with a 4 pixel #2CC8D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CC8D7; -webkit-box-shadow:4px 4px  
4px 4px #2CC8D7; box-shadow:4px 4px 4px  
4px #2CC8D7 }
```

Background

The CSS property to change the background color of an element to Hex 2CC8D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CC8D7 }
```

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

```
.background{ background-color:#2CC8D7 }
```

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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