

# Converting Colors

Hex(2CC4DA)

Have a look what the booklet for  
Hex(2CC4DA) contains.

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# Color

Hex(2CC4DA)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CC4DA
RGB	44, 196, 218
RGB Percent	17%, 77%, 85%
CMY	0.8275, 0.2314, 0.1451
CMYK	0.80, 0.10, 0.00, 0.15
HSL	188°, 70%, 51%
HSV	188°, 80%, 85%
XYZ	33.4335, 45.0773, 73.2683
YIQ	153.0600, -97.6540, -25.3820

# Conversions

## Conversions Part 2

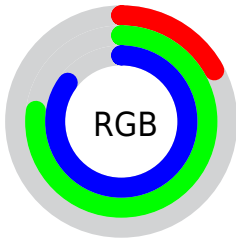
Format	Color
<b>RYB</b>	44, 125, 218
Decimal	2933978
CIELab	72.94, -30.42, -21.91
CIELCh	73, 37.489, 215.763
Yxy	45.0773, 0.2203, 0.2970
Android (android.graphics.Color)	4281124058 (0xFF2CC4DA)
YUV	153.0600, 32.0154, -95.6456
Hunter-Lab	67.1396, -28.6067, -17.7044

# Details

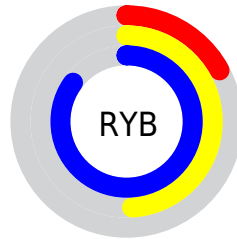
The Hex color **2CC4DA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **DA422C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **78FDFF**, and **008EA3** is the 20% darker color. If you saturate the color by 10%, you get **16C1DA**, and if you desaturate by 10%, it is **42C7DA**.

# Distribution



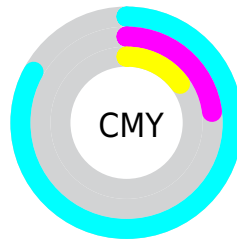
- Red (17%)
- Green (77%)
- Blue (85%)



- Red (17%)
- Yellow (49%)
- Blue (85%)



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (83%)
- Magenta (23%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CC4DA 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 2CC4DA by changing the saturation by 10% instead.



 2CC4DA

 2CC4DA

FFFFFF

 00A9BE

 78FDFF

 008EA3

 98FFFF

 007489

 B7FFFF

 005B6F

 D6FFFF

 004357

 F5FFFF

 002C3F

 00142A

 000114

 000000

■ 2CC4DA

■ 2CC4DA

■ 16C1DA

■ 42C7DA

■ 00BEDA

■ 58CADA

■ 6DCCDA

■ 83CFDA

■ 99D2DA

■ AFD5DA

■ C5D7DA

■ DADADA

■ F0DDDA

# Harmonies

## Analogous

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



48C6B9



2CC4DA



53BEF1

# Triad

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



2CC4DA



E49DD0



C4B36E

# Complementary

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



2CC4DA



DA422C

# 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.



E1A775



2CC4DA



F598AE

# Square

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



2CC4DA



C0A8EB



F39D8D



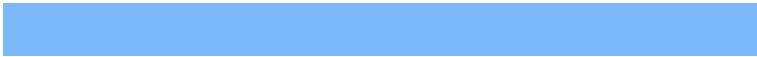
9FBD7A

# Rectangle

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



2CC4DA



7AB8F7



F39D8D



CEAF6E

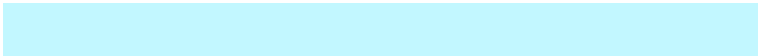


# Sweetspot

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



2CC4DA



C2F7FF



2CDA40



5B7B80



000000



808080

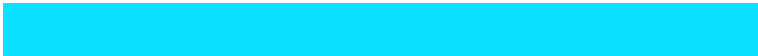


# Same Dimension

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



2CC4DA



0AE0FF



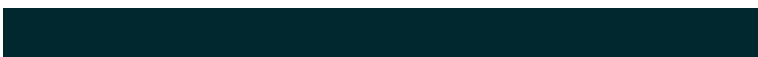
2C6FDA



636C6E



0097AD



00282E



# Inverse Universe

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



DA2CC4



FF0AE0



DA972C



6E636C



AD0097

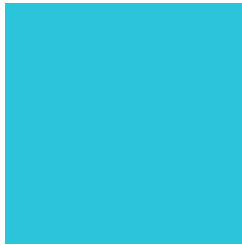


2E0028



# Previews

## White Background



This preview shows how the Hex color 2CC4DA looks on a white background.

## Color Contrast Check

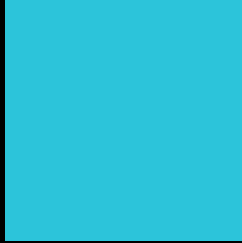
Large Text (above 18pt) WCAG AA × Fail

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 2CC4DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

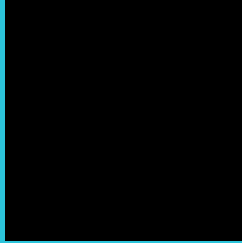
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2CC4DA Background



This preview shows how black text looks on a background with the Hex color 2CC4DA.

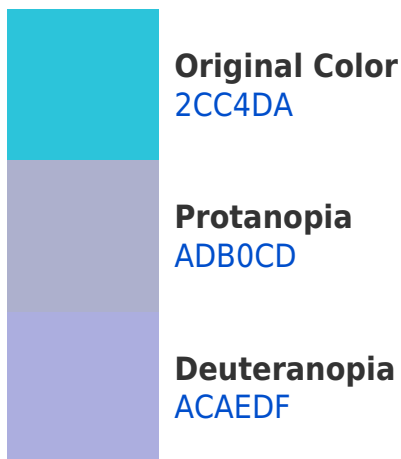


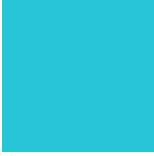
This preview shows how white text looks on a background with the Hex color 2CC4DA.

# 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



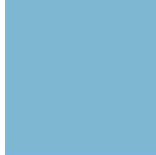


**Tritanopia**  
27C5D5

# Trichromacy



**Original Color**  
2CC4DA



**Protanomaly**  
7EB7D2



**Deuteranomaly**  
7DB6DD



**Tritanomaly**  
29C5D7

# Monochromacy



**Original Color**  
2CC4DA



**Achromatopsia**  
999999



**Achromatomaly**  
71A9B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CC4DA 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 #2CC4DA looks like.

```
.text, #text, p{  
    color:#2CC4DA  
}
```

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 #2CC4DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CC4DA
}
```

## Border

The CSS property to change the border of an element to Hex 2CC4DA 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
#2CC4DA }
```

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

```
.border{ border-color:#2CC4DA }
```

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

Here you see how a box with a 4 pixel #2CC4DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CC4DA; -webkit-box-shadow:4px 4px  
4px 4px #2CC4DA; box-shadow:4px 4px 4px  
4px #2CC4DA }
```

# Background

The CSS property to change the background color of an element to Hex 2CC4DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CC4DA }
```

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

```
.background{ background-color:#2CC4DA }
```

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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