

Converting Colors

Hex(2CC4DE)

Have a look what the booklet for
Hex(2CC4DE) contains.

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Color

Hex(2CC4DE)

Conversions

Conversions Part 1

Format	Color
Hex	2CC4DE
RGB	44, 196, 222
RGB Percent	17%, 77%, 87%
CMY	0.8275, 0.2314, 0.1294
CMYK	0.80, 0.12, 0.00, 0.13
HSL	189°, 73%, 52%
HSV	189°, 80%, 87%
XYZ	33.9635, 45.2893, 76.0589
YIQ	153.5160, -98.9380, -24.1380

Conversions

Conversions Part 2

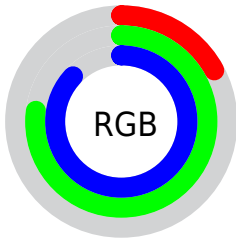
Format	Color
R_{YB}	44, 126, 222
Decimal	2933982
CIE _{Lab}	73.08, -29.17, -23.87
CIE _{LCh}	73, 37.686, 219.295
Yxy	45.2893, 0.2187, 0.2916
Android (android.graphics.Color)	4281124062 (0xFF2CC4DE)
YUV	153.5160, 33.7626, -96.0455
Hunter-Lab	67.2973, -27.6853, -19.9010

Details

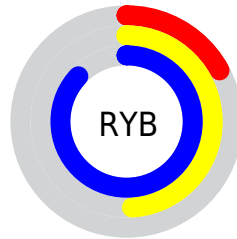
The Hex color **2CC4DE** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **DE462C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **78FDFF**, and **008EA7** is the 20% darker color. If you saturate the color by 10%, you get **16C1DE**, and if you desaturate by 10%, it is **42C7DE**.

Distribution



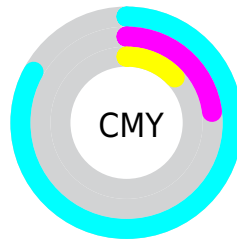
- Red (17%)
- Green (77%)
- Blue (87%)



- Red (17%)
- Yellow (49%)
- Blue (87%)



- Cyan (80%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (83%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CC4DE 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 2CC4DE by changing the saturation by 10% instead.

 2CC4DE

 2CC4DE

FFFFFF

 00A9C2

 78FDFF

 008EA7

 98FFFF

 00748C

 B8FFFF

 005B73


 D7FFFF

 00435A

 F6FFFF

 002C43

 00152C

 000117

 000000

■ 2CC4DE

■ 2CC4DE

■ 16C1DE

■ 42C7DE

■ 00BEDE

■ 58CADE

■ 6FCEDE

■ 85D1DE

■ 9BD4DE

■ B1D7DE

■ C7DBDE

■ DEDEDE

■ F4E1DE

Harmonies

Analogous

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



42C6BD



2CC4DE



5ABEF3

Triad

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



2CC4DE



E89CCD



C0B56E

Complementary

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



2CC4DE



DE462C

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.



DFA973



2CC4DE



F799AA

Square

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



2CC4DE



C5A7E9



F39E89



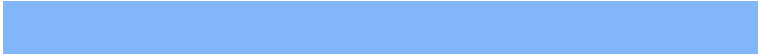
9ABE7D

Rectangle

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



2CC4DE



81B7F8



F39E89



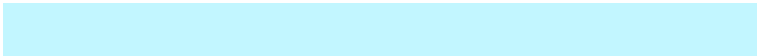
CBB16E

Sweetspot

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



2CC4DE



C2F6FF



2CDE44



5B7A80



000000



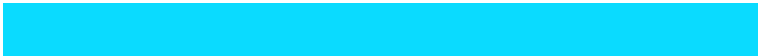
808080

Same Dimension

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



2CC4DE



0ADBFF



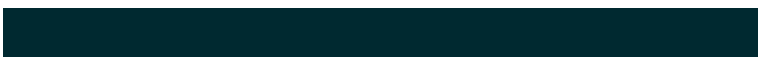
2C6DDE



656F70



0096B0



002930

Inverse Universe

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



DE2CC4



FF0ADB



DE9D2C



70656F



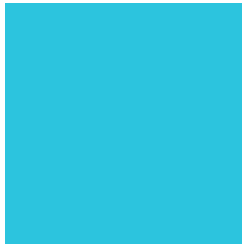
B00096



300029

Previews

White Background



This preview shows how the Hex color 2CC4DE 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 2CC4DE 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 2CC4DE Background



This preview shows how black text looks on a background with the Hex color 2CC4DE.

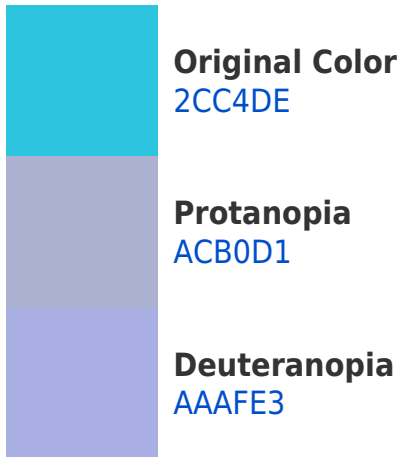


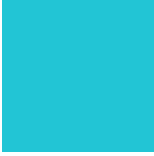
This preview shows how white text looks on a background with the Hex color 2CC4DE.

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](#).

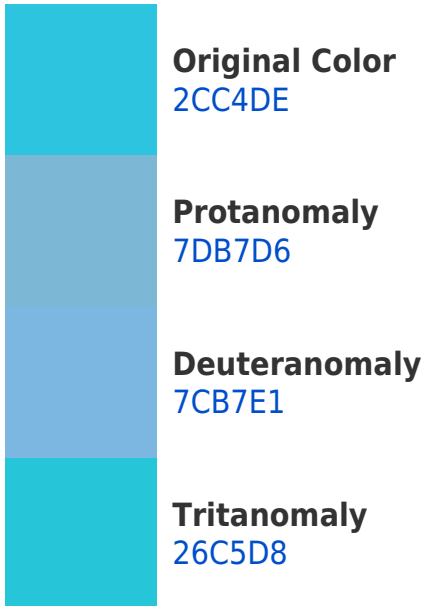
Dichromacy



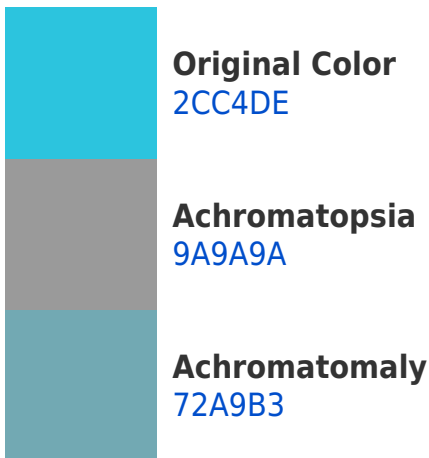


Tritanopia
22C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CC4DE 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 #2CC4DE looks like.

```
.text, #text, p{  
    color:#2CC4DE  
}
```

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 #2CC4DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CC4DE
}
```

Border

The CSS property to change the border of an element to Hex 2CC4DE 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
#2CC4DE }
```

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

```
.border{ border-color:#2CC4DE }
```

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

Here you see how a box with a 4 pixel #2CC4DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CC4DE; -webkit-box-shadow:4px 4px  
4px 4px #2CC4DE; box-shadow:4px 4px 4px  
4px #2CC4DE }
```

Background

The CSS property to change the background color of an element to Hex 2CC4DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CC4DE }
```

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

```
.background{ background-color:#2CC4DE }
```

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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