

Converting Colors

Hex(2CC1DF)

Have a look what the booklet for
Hex(2CC1DF) contains.

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Color

Hex(2CC1DF)

Conversions

Conversions Part 1

Format	Color
Hex	2CC1DF
RGB	44, 193, 223
RGB Percent	17%, 76%, 87%
CMY	0.8275, 0.2431, 0.1255
CMYK	0.80, 0.13, 0.00, 0.13
HSL	190°, 74%, 52%
HSV	190°, 80%, 87%
XYZ	33.4280, 44.0031, 76.5436
YIQ	151.8690, -98.4340, -22.2580

Conversions

Conversions Part 2

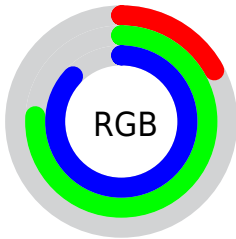
Format	Color
RYB	44, 125, 223
Decimal	2933215
CIELab	72.23, -27.37, -25.71
CIElCh	72, 37.553, 223.211
Yxy	44.0031, 0.2171, 0.2858
Android (android.graphics.Color)	4281123295 (0xFF2CC1DF)
YUV	151.8690, 35.0676, -94.6011
Hunter-Lab	66.3348, -26.1349, -21.9802

Details

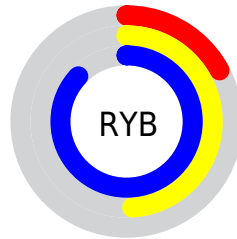
The Hex color **2CC1DF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **DF4A2C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **78FAFF**, and **008BA8** is the 20% darker color. If you saturate the color by 10%, you get **16BDDF**, and if you desaturate by 10%, it is **42C5DF**.

Distribution



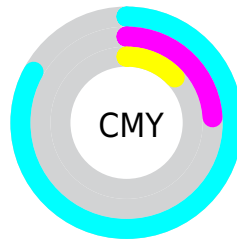
- Red (17%)
- Green (76%)
- Blue (87%)



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



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



- Cyan (83%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CC1DF 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 2CC1DF by changing the saturation by 10% instead.

 2CC1DF

 2CC1DF

FFFFFF

 00A6C3

 78FAFF

 008BA8

 98FFFF

 00718D

 B7FFFF

 005974

 D6FFFF

 00415B

 F6FFFF

 002A43

 00112D

 000118

 000000

■ 2CC1DF

■ 2CC1DF

■ 16BDDF

■ 42C5DF

■ 00BADF

■ 59C8DF

■ 6FCCDF

■ 85D0DF

■ 9BD4DF

■ B2D7DF

■ C8DBDF

■ DEDFDF

■ F5E3DF

Harmonies

Analogous

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



3AC4C0



2CC1DF



5FBAF2

Triad

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



2CC1DF



E899C6



B9B46D

Complementary

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



2CC1DF



DF4A2C

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.



D9A870



2CC1DF



F497A3

Square

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



2CC1DF



C8A3E3



EE9D84



93BD7E

Rectangle

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



2CC1DF



86B3F5



EE9D84



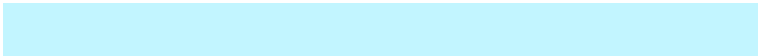
C4B06C

Sweetspot

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



2CC1DF



C2F5FF



2CDF4A



5B7980



000000



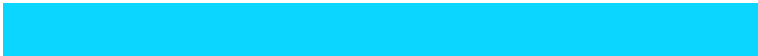
808080

Same Dimension

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



2CC1DF



0AD6FF



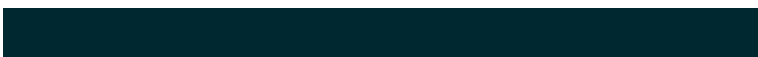
2C68DF



656E70



0092B0



002830

Inverse Universe

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



DF2CC1



FF0AD6



DFA32C



70656E



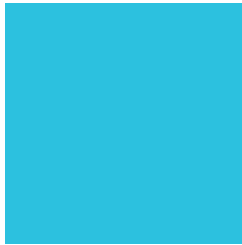
B00092



300028

Previews

White Background



This preview shows how the Hex color 2CC1DF looks on a white background.

Color Contrast Check

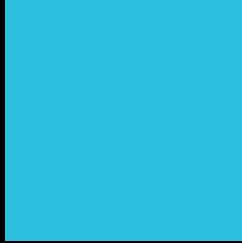
Large Text (above 18pt) WCAG AA × Fail

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 2CC1DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

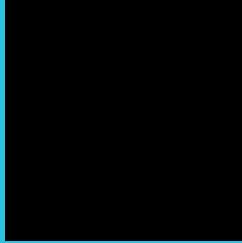
Any Text WCAG AA ✓ Pass

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 2CC1DF Background



This preview shows how black text looks on a background with the Hex color 2CC1DF.

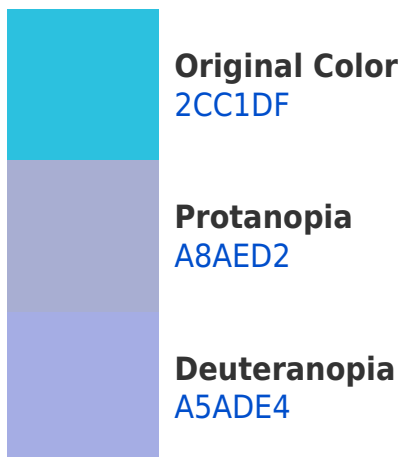


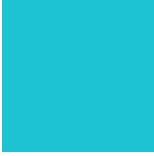
This preview shows how white text looks on a background with the Hex color 2CC1DF.

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](#).

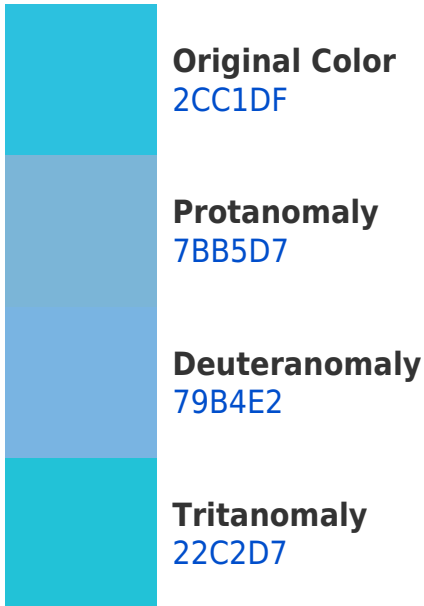
Dichromacy



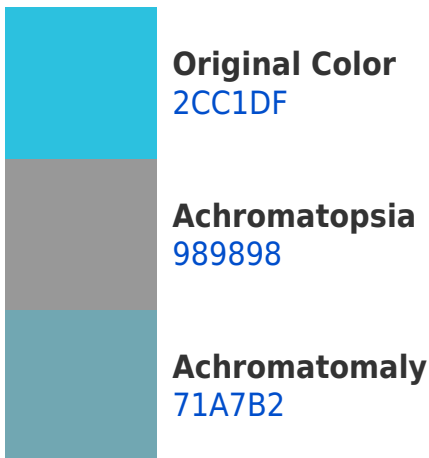


Tritanopia
1DC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CC1DF 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 #2CC1DF looks like.

```
.text, #text, p{  
    color:#2CC1DF  
}
```

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 #2CC1DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CC1DF
}
```

Border

The CSS property to change the border of an element to Hex 2CC1DF 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
#2CC1DF }
```

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

```
.border{ border-color:#2CC1DF }
```

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

Here you see how a box with a 4 pixel #2CC1DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CC1DF; -webkit-box-shadow:4px 4px  
4px 4px #2CC1DF; box-shadow:4px 4px 4px  
4px #2CC1DF }
```

Background

The CSS property to change the background color of an element to Hex 2CC1DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CC1DF }
```

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

```
.background{ background-color:#2CC1DF }
```

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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