

# Converting Colors

Hex(1CC8F2)

Have a look what the booklet for  
Hex(1CC8F2) contains.

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# Color

Hex(1CC8F2)

# Conversions

## Conversions Part 1

Format	Color
Hex	1CC8F2
RGB	28, 200, 242
RGB Percent	11%, 78%, 95%
CMY	0.8902, 0.2157, 0.0510
CMYK	0.88, 0.17, 0.00, 0.05
HSL	192°, 89%, 53%
HSV	192°, 88%, 95%
XYZ	37.1602, 47.9662, 91.3043
YIQ	153.3600, -115.9940, -23.4020

# Conversions

## Conversions Part 2

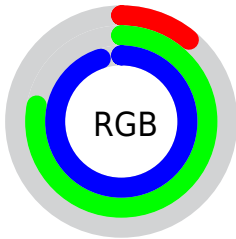
Format	Color
R <sub>Y</sub> B	28, 123, 242
Decimal	1886450
CIE Lab	74.80, -25.79, -32.04
CIE LCh	75, 41.129, 231.174
Yxy	47.9662, 0.2106, 0.2719
Android (android.graphics.Color)	4280076530 (0xFF1CC8F2)
YUV	153.3600, 43.6995, -109.9407
Hunter-Lab	69.2577, -25.4268, -29.6833

# Details

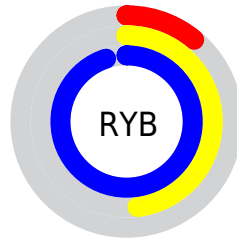
The Hex color **1CC8F2** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F2461C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **76FFFF**, and **0092BA** is the 20% darker color. If you saturate the color by 10%, you get **04C3F2**, and if you desaturate by 10%, it is **34CDF2**.

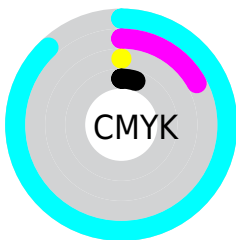
# Distribution



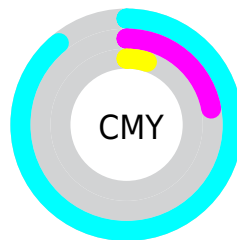
- Red (11%)
- Green (78%)
- Blue (95%)



- Red (11%)
- Yellow (48%)
- Blue (95%)



- Cyan (88%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (22%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CC8F2 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 1CC8F2 by changing the saturation by 10% instead.



 1CC8F2

 1CC8F2

FFFFFF

 00ADD6

 76FFFF

 0092BA

 97FFFF

 00789F

 B7FFFF

 005F84

 D7FFFF

 00476B

 F6FFFF

 003053

 001C3B

 000225

 00010E

■ 1CC8F2

■ 1CC8F2

■ 04C3F2

■ 34CDF2

■ 00C3F2

■ 4CD1F2

■ 65D6F2

■ 7DDBF2

■ 95E0F2

■ ADE4F2

■ C5E9F2

■ DEEEF2

■ F6F3F2

# Harmonies

## Analogous

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



10CCD2



1CC8F2



6CBFFF

# Triad

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



1CC8F2



FA9BC5



B6BE70

# Complementary

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



1CC8F2



F2461C

# 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.



DBB26D



1CC8F2



FF9C9F

# Square

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



1CC8F2



DDA5E8



F6A57F



8AC787

# Rectangle

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



1CC8F2



98B7FF



F6A57F



C3BA6D

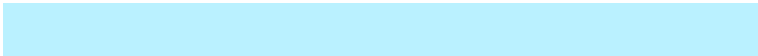


# Sweetspot

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



1CC8F2



BAF1FF



1CF243



577780



000000



808080

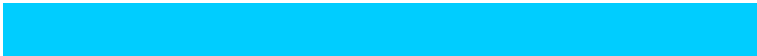


# Same Dimension

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



1CC8F2



00CDFD



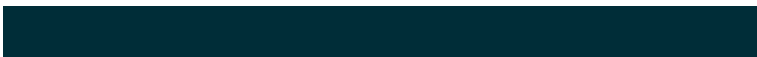
1C60F2



6C7578



0094B8



002D38



# Inverse Universe

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



F21CC8



FF00CD



F2AE1C



786C75



B80094

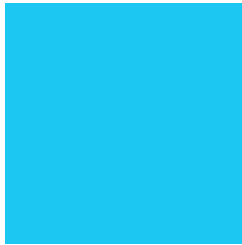


38002D



# Previews

## White Background



This preview shows how the Hex color 1CC8F2 looks on a white background.

## Color Contrast Check

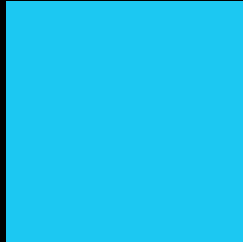
Large Text (above 18pt) WCAG AA × Fail

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 1CC8F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

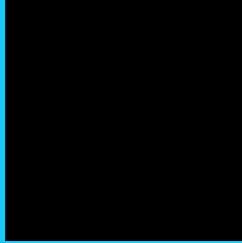
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1CC8F2 Background



This preview shows how black text looks on a background with the Hex color 1CC8F2.

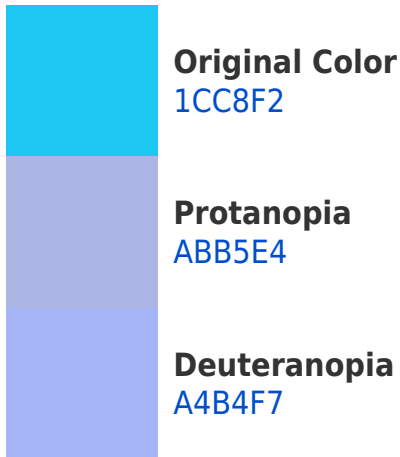


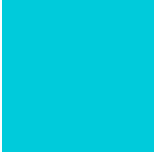
This preview shows how white text looks on a background with the Hex color 1CC8F2.

# 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](#).

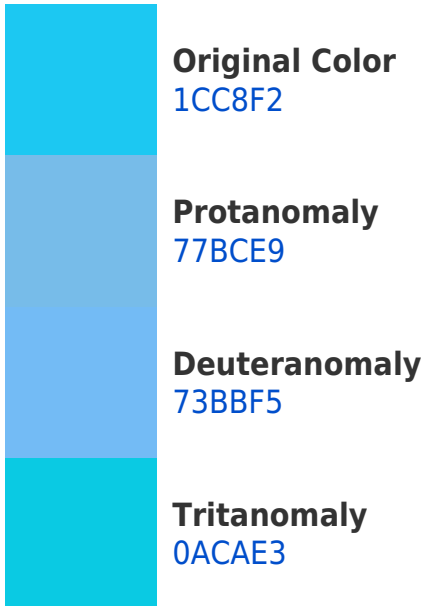
## Dichromacy



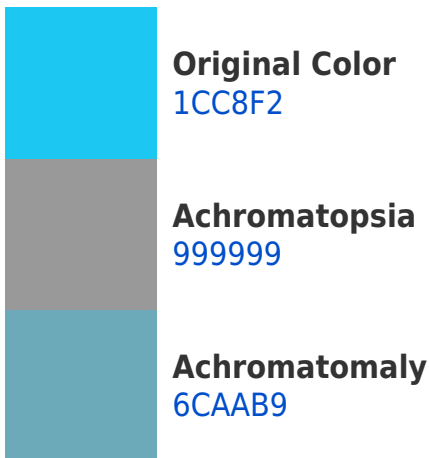


**Tritanopia**  
00CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CC8F2 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 #1CC8F2 looks like.

```
.text, #text, p{  
    color:#1CC8F2  
}
```

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 #1CC8F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CC8F2
}
```

## Border

The CSS property to change the border of an element to Hex 1CC8F2 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
#1CC8F2 }
```

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

```
.border{ border-color:#1CC8F2 }
```

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

Here you see how a box with a 4 pixel #1CC8F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CC8F2; -webkit-box-shadow:4px 4px  
4px 4px #1CC8F2; box-shadow:4px 4px 4px  
4px #1CC8F2 }
```

# Background

The CSS property to change the background color of an element to Hex 1CC8F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CC8F2 }
```

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

```
.background{ background-color:#1CC8F2 }
```

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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