

# Converting Colors

Hex(1CD4CF)

Have a look what the booklet for  
Hex(1CD4CF) contains.

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# Color

Hex(1CD4CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	1CD4CF
RGB	28, 212, 207
RGB Percent	11%, 83%, 81%
CMY	0.8902, 0.1686, 0.1882
CMYK	0.87, 0.00, 0.02, 0.17
HSL	178°, 77%, 47%
HSV	178°, 87%, 83%
XYZ	35.2849, 51.8388, 67.1777
YIQ	156.4140, -108.0590, -40.5630

# Conversions

## Conversions Part 2

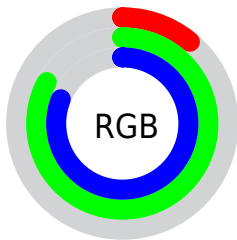
Format	Color
R <sub>Y</sub> B	28, 121, 212
Decimal	1889487
CIE Lab	77.18, -42.30, -9.60
CIE LCh	77, 43.380, 192.785
Yxy	51.8388, 0.2287, 0.3360
Android (android.graphics.Color)	4280079567 (0xFF1CD4CF)
YUV	156.4140, 24.9389, -112.6191
Hunter-Lab	71.9992, -38.5206, -4.9201

# Details

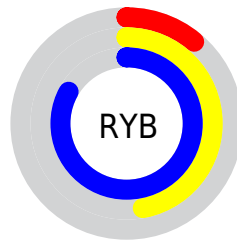
The Hex color **1CD4CF** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D41C21**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **72FFFF**, and **009D99** is the 20% darker color. If you saturate the color by 10%, you get **07D4CE**, and if you desaturate by 10%, it is **31D4D0**.

# Distribution



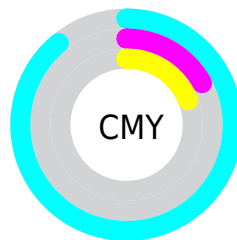
- Red (11%)
- Green (83%)
- Blue (81%)



- Red (11%)
- Yellow (47%)
- Blue (83%)



- Cyan (87%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (89%)
- Magenta (17%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CD4CF 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 1CD4CF by changing the saturation by 10% instead.



 1CD4CF

 1CD4CF

FFFFFF

 00B8B4

 72FFFF

 009D99

 93FFFF

 00827F

 B3FFFF

 006866

 D2FFFF

 004F4E

 F1FFFF

 003737

 002222

 00000B

 000000

■ 1CD4CF

■ 1CD4CF

■ 07D4CE

■ 31D4D0

■ 00D4CE

■ 46D4D0

■ 5CD4D1

■ 71D4D1

■ 86D4D2

■ 9BD4D2

■ B0D4D3

■ C6D4D4

■ DBD4D4

# Harmonies

## Analogous

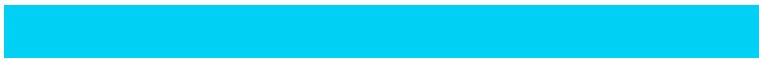
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67D2A5



1CD4CF



00D1F4

# Triad

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



1CD4CF



D9AEFA



EDB472

# Complementary

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



1CD4CF



D41C21

# 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.



FFA78A



1CD4CF



FEA2D7

# Square

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



1CD4CF



A0BDFE



FF9FAF



C8C26F

# Rectangle

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



1CD4CF



37CCFF



FF9FAF



F6AF78



# Sweetspot

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



1CD4CF



BDFFFD



22D41C



58807E



000000



808080



# Same Dimension

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



1CD4CF



00FFF8



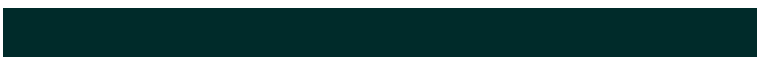
1C7ED4



606B6B



00ABA6



002B2A



# Inverse Universe

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



D41C21



FF0007



D4721C



6B6061



AB0005

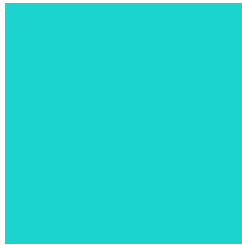


2B0001



# Previews

## White Background



This preview shows how the Hex color 1CD4CF looks on a white background.

## Color Contrast Check

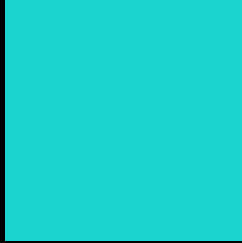
Large Text (above 18pt) WCAG AA × Fail

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 1CD4CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

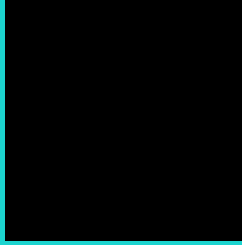
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

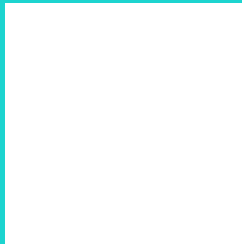
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1CD4CF Background



This preview shows how black text looks on a background with the Hex color 1CD4CF.

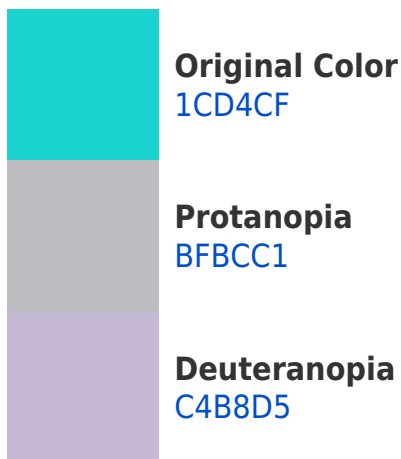


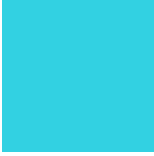
This preview shows how white text looks on a background with the Hex color 1CD4CF.

# 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**  
32D1E2

# Trichromacy



**Original Color**  
1CD4CF



**Protanomaly**  
84C5C6



**Deuteranomaly**  
87C2D3

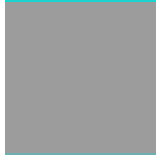


**Tritanomaly**  
2AD2DB

# Monochromacy



**Original Color**  
1CD4CF



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
6DB0AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CD4CF 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 #1CD4CF looks like.

```
.text, #text, p{  
    color:#1CD4CF  
}
```

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 #1CD4CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CD4CF
}
```

## Border

The CSS property to change the border of an element to Hex 1CD4CF 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
#1CD4CF }
```

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

```
.border{ border-color:#1CD4CF }
```

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

Here you see how a box with a 4 pixel #1CD4CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CD4CF; -webkit-box-shadow:4px 4px  
4px 4px #1CD4CF; box-shadow:4px 4px 4px  
4px #1CD4CF }
```

# Background

The CSS property to change the background color of an element to Hex 1CD4CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CD4CF }
```

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

```
.background{ background-color:#1CD4CF }
```

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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