

# Converting Colors

Hex(1CD7F1)

Have a look what the booklet for  
Hex(1CD7F1) contains.

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# Color

**Hex(1CD7F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CD7F1
RGB	28, 215, 241
RGB Percent	11%, 84%, 95%
CMY	0.8902, 0.1569, 0.0549
CMYK	0.88, 0.11, 0.00, 0.05
HSL	187°, 88%, 53%
HSV	187°, 88%, 95%
XYZ	40.6565, 55.1986, 91.7307
YIQ	162.0510, -119.7980, -31.5580

# Conversions

## Conversions Part 2

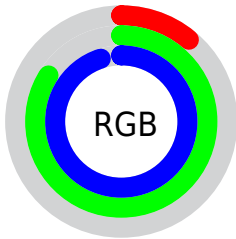
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 128, 241
Decimal	1890289
CIE Lab	79.16, -33.42, -24.83
CIE LCh	79, 41.635, 216.613
Yxy	55.1986, 0.2167, 0.2943
Android (android.graphics.Color)	4280080369 (0xFF1CD7F1)
YUV	162.0510, 38.9219, -117.5627
Hunter-Lab	74.2958, -32.3379, -21.1965

# Details

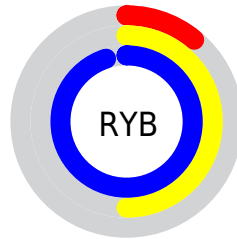
The Hex color **1CD7F1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F1361C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **77FFFF**, and **00A0B9** is the 20% darker color. If you saturate the color by 10%, you get **04D4F1**, and if you desaturate by 10%, it is **34DAF1**.

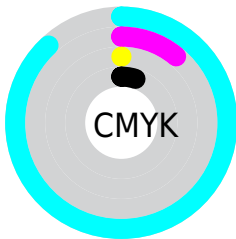
# Distribution



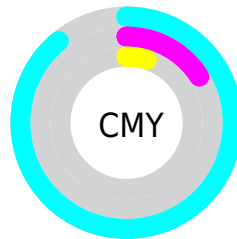
- Red (11%)
- Green (84%)
- Blue (95%)



- Red (11%)
- Yellow (50%)
- Blue (95%)



- Cyan (88%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (16%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CD7F1 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 1CD7F1 by changing the saturation by 10% instead.



 1CD7F1

 1CD7F1

FFFFFF

 00BBD5

 77FFFF

 00A0B9

 99FFFF

 00859E

 B9FFFF

 006C84

 D9FFFF

 00536A

 F9FFFF

 003B52

 00263B

 000226

 00010E

■ 1CD7F1

■ 1CD7F1

■ 04D4F1

■ 34DAF1

■ 00D4F1

■ 4CDDF1

■ 64E0F1

■ 7CE3F1

■ 94E6F1

■ ADE9F1

■ C5ECF1

■ DDEFF1

■ F5F1F1

# Harmonies

## Analogous

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



46D9CC



1CD7F1



56D0FF

# Triad

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



1CD7F1



FCABE4



D5C476

# Complementary

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



1CD7F1



F1361C

# 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.



F7B77E



1CD7F1



FFA6BD

# Square

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



1CD7F1



D4B7FF



FFAB98



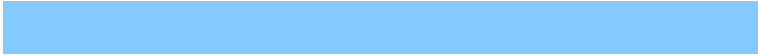
ABCF84

# Rectangle

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



1CD7F1



84C9FF



FFAB98



E2C076



# Sweetspot

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



1CD7F1



BAF7FF



1CF135



577B80



000000



808080



# Same Dimension

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



1CD7F1



00E0FF



1C6EF1



6C7678



00A1B8



003138



# Inverse Universe

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



F11CD7



FF00E0



F19F1C



786C76



B800A1

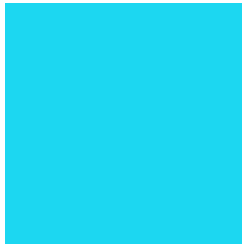


380031



# Previews

## White Background



This preview shows how the Hex color 1CD7F1 looks on a white background.

## Color Contrast Check

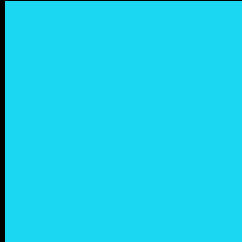
Large Text (above 18pt) WCAG AA × Fail

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 1CD7F1 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 1CD7F1 Background



This preview shows how black text looks on a background with the Hex color 1CD7F1.

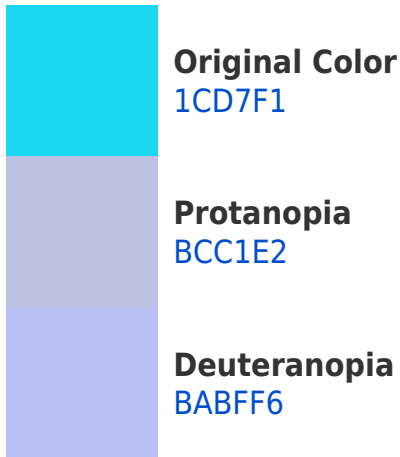


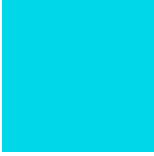
This preview shows how white text looks on a background with the Hex color 1CD7F1.

# 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



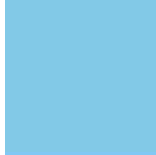


**Tritanopia**  
00D8EA

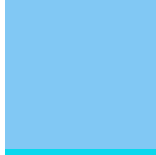
# Trichromacy



**Original Color**  
1CD7F1



**Protanomaly**  
82C9E7



**Deuteranomaly**  
81C8F4



**Tritanomaly**  
0AD8ED

# Monochromacy



**Original Color**  
1CD7F1



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
71B5BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CD7F1 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 #1CD7F1 looks like.

```
.text, #text, p{  
    color:#1CD7F1  
}
```

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 #1CD7F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CD7F1
}
```

## Border

The CSS property to change the border of an element to Hex 1CD7F1 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
#1CD7F1 }
```

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

```
.border{ border-color:#1CD7F1 }
```

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

Here you see how a box with a 4 pixel #1CD7F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CD7F1; -webkit-box-shadow:4px 4px  
4px 4px #1CD7F1; box-shadow:4px 4px 4px  
4px #1CD7F1 }
```

# Background

The CSS property to change the background color of an element to Hex 1CD7F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CD7F1 }
```

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

```
.background{ background-color:#1CD7F1 }
```

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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