

# Converting Colors

Hex(1CBDF2)

Have a look what the booklet for  
Hex(1CBDF2) contains.

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# **Color**

**Hex(1CBDF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CBDF2
RGB	28, 189, 242
RGB Percent	11%, 74%, 95%
CMY	0.8902, 0.2588, 0.0510
CMYK	0.88, 0.22, 0.00, 0.05
HSL	195°, 89%, 53%
HSV	195°, 88%, 95%
XYZ	34.7035, 43.0529, 90.4854
YIQ	146.9030, -112.9690, -17.6490

# Conversions

## Conversions Part 2

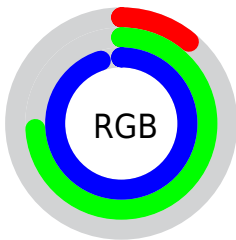
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	28, 120, 242
Decimal	1883634
CIELab	71.59, -20.18, -37.02
CIELCh	72, 42.158, 241.402
Yxy	43.0529, 0.2063, 0.2559
Android (android.graphics.Color)	4280073714 (0xFF1CBDF2)
YUV	146.9030, 46.8828, -104.2779
Hunter-Lab	65.6147, -20.4174, -35.8331

# Details

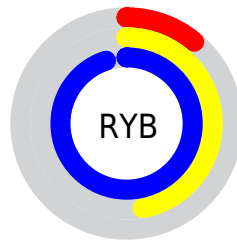
The Hex color **1CBDF2** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **F2511C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **75F5FF**, and **0088BA** is the 20% darker color. If you saturate the color by 10%, you get **04B7F2**, and if you desaturate by 10%, it is **34C3F2**.

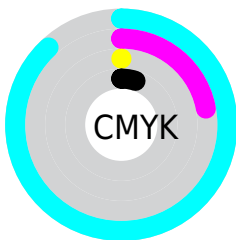
# Distribution



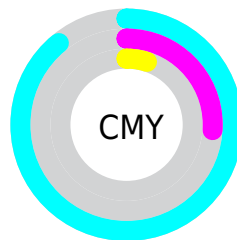
- Red (11%)
- Green (74%)
- Blue (95%)



- Red (11%)
- Yellow (47%)
- Blue (95%)



- Cyan (88%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (26%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CBDF2 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 1CBDF2 by changing the saturation by 10% instead.



 1CBDF2

 1CBDF2

FFFFFF

 00A2D5

 75F5FF

 0088BA

 96FFFF

 006E9F

 B6FFFF

 005684

 D5FFFF

 003E6B

 F5FFFF

 002852

 00103B

 000225

 00010D

■ 1CBDF2

■ 1CBDF2

■ 04B7F2

■ 34C3F2

■ 00B6F2

■ 4CC9F2

■ 65CFF2

■ 7DD5F2

■ 95DBF2

■ ADE1F2

■ C5E7F2

■ DEEDF2

■ F6F3F2

# Harmonies

## Analogous

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



00C3D6



1CBDF2



77B3FC

# Triad

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



1CBDF2



F791AF



9EB96C

# Complementary

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



1CBDF2



F2511C

# 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.



C6AE61



1CBDF2



F89589

# Square

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



1CBDF2



E197D5



E6A06D



6FC089

# Rectangle

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



1CBDF2



A3AAF7



E6A06D



ACB666

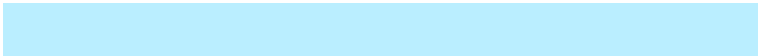


# Sweetspot

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



1CBDF2



BAEEFF



1CF24E



577580



000000



808080

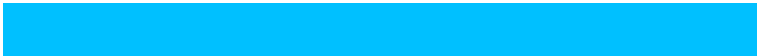


# Same Dimension

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



1CBDF2



00C0FF



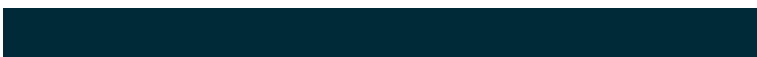
1C55F2



6C7578



008AB8



002A38



# Inverse Universe

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



F21CBD



FF00C0



F2B91C



786C75



B8008A

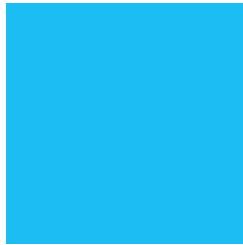


38002A



# Previews

## White Background



This preview shows how the Hex color 1CBDF2 looks on a white background.

## Color Contrast Check

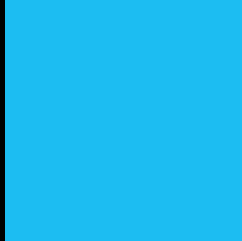
Large Text (above 18pt) WCAG AA × Fail

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 1CBDF2 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 1CBDF2 Background



This preview shows how black text looks on a background with the Hex color 1CBDF2.

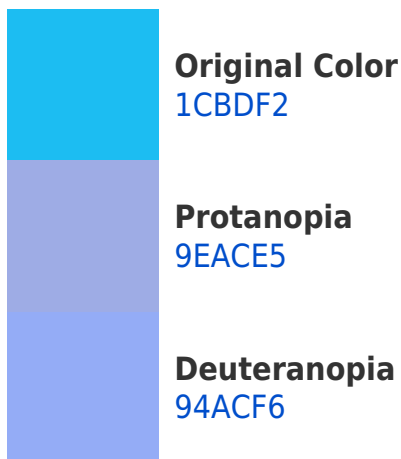


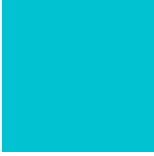
This preview shows how white text looks on a background with the Hex color 1CBDF2.

# 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**  
00C2D1

# Trichromacy



**Original Color**  
1CBDF2



**Protanomaly**  
6FB2EA



**Deuteranomaly**  
68B2F5



**Tritanomaly**  
0AC0DD

# Monochromacy



**Original Color**  
1CBDF2



**Achromatopsia**  
939393



**Achromatomaly**  
68A2B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CBDF2 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 #1CBDF2 looks like.

```
.text, #text, p{  
    color:#1CBDF2  
}
```

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 #1CBDF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CBDF2
}
```

## Border

The CSS property to change the border of an element to Hex 1CBDF2 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
#1CBDF2 }
```

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

```
.border{ border-color:#1CBDF2 }
```

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

Here you see how a box with a 4 pixel #1CBDF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CBDF2; -webkit-box-shadow:4px 4px  
4px 4px #1CBDF2; box-shadow:4px 4px 4px  
4px #1CBDF2 }
```

# Background

The CSS property to change the background color of an element to Hex 1CBDF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CBDF2 }
```

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

```
.background{ background-color:#1CBDF2 }
```

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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