

# Converting Colors

Hex(1CB9DC)

Have a look what the booklet for  
Hex(1CB9DC) contains.

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# **Color**

**Hex(1CB9DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CB9DC
RGB	28, 185, 220
RGB Percent	11%, 73%, 86%
CMY	0.8902, 0.2745, 0.1373
CMYK	0.87, 0.16, 0.00, 0.14
HSL	191°, 77%, 49%
HSV	191°, 87%, 86%
XYZ	30.7461, 40.1121, 73.8321
YIQ	142.0470, -104.8070, -22.3990

# Conversions

## Conversions Part 2

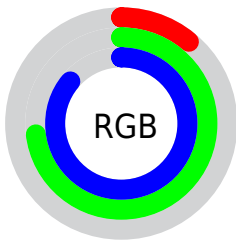
Format	Color
<a href="#">RYB</a>	28, 114, 220
Decimal	1882588
CIELab	69.55, -25.52, -28.21
CIELCh	70, 38.037, 227.871
Yxy	40.1121, 0.2125, 0.2772
Android (android.graphics.Color)	4280072668 (0xFF1CB9DC)
YUV	142.0470, 38.4308, -100.0192
Hunter-Lab	63.3341, -24.1803, -24.7837

# Details

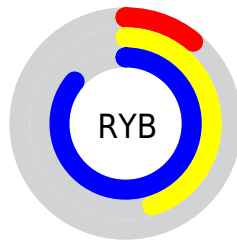
The Hex color **1CB9DC** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DC3F1C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **70F1FF**, and **0084A5** is the 20% darker color. If you saturate the color by 10%, you get **06B5DC**, and if you desaturate by 10%, it is **32BDDC**.

# Distribution



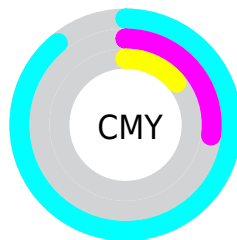
- Red (11%)
- Green (73%)
- Blue (86%)



- Red (11%)
- Yellow (45%)
- Blue (86%)



- Cyan (87%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (89%)
- Magenta (27%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CB9DC 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 1CB9DC by changing the saturation by 10% instead.



 1CB9DC

 1CB9DC

FFFFFF

 009EC0

 70F1FF

 0084A5

 91FFFF

 006A8A

 B0FFFF

 005271

 CFFFFFF

 003A58

 EFFFFFF

 002541

 00032B

 000115

 000000

■ 1CB9DC

■ 1CB9DC

■ 06B5DC

■ 32BDDC

■ 00B4DC

■ 48C1DC

■ 5EC5DC

■ 74C9DC

■ 8ACDDC

■ A0D1DC

■ B6D5DC

■ CCD9DC

■ E2DDDC

# Harmonies

## Analogous

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



22BCBE



1CB9DC



5EB1ED

# Triad

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



1CB9DC



E490B9



ACAE67

# Complementary

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



1CB9DC



DC3F1C

# 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.



CDA366



1CB9DC



ED9096

# Square

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



1CB9DC



C79AD8



E49778



85B77A

# Rectangle

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



1CB9DC



87AAEE



E49778



B8AB65

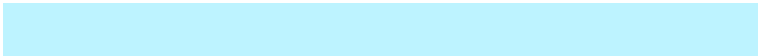


# Sweetspot

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



1CB9DC



BDF3FF



1CDC3C



587880



000000



808080



# Same Dimension

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



1CB9DC



00D1FF



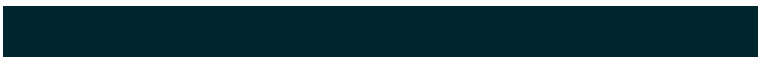
1C5CDC



636C6E



008EAD



00262E



# Inverse Universe

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



DC1CB9



FF00D1



DC9C1C



6E636C



AD008E

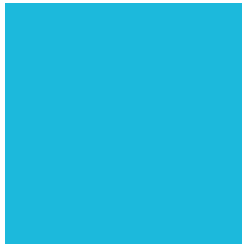


2E0026



# Previews

## White Background



This preview shows how the Hex color 1CB9DC 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 1CB9DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

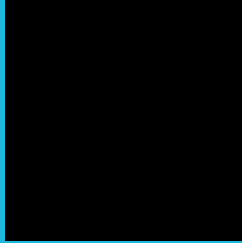
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1CB9DC Background



This preview shows how black text looks on a background with the Hex color 1CB9DC.

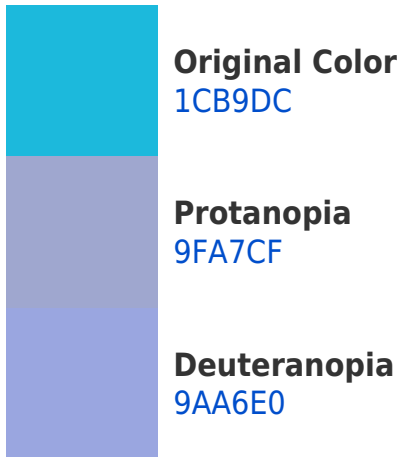


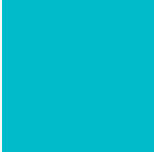
This preview shows how white text looks on a background with the Hex color 1CB9DC.

# 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](#).

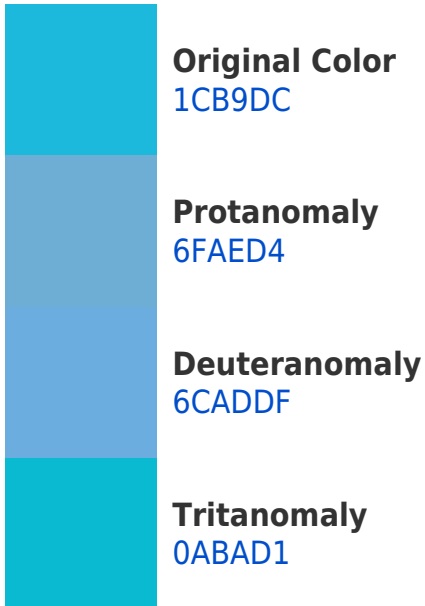
## Dichromacy





**Tritanopia**  
00BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CB9DC 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 #1CB9DC looks like.

```
.text, #text, p{  
    color:#1CB9DC  
}
```

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 #1CB9DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CB9DC
}
```

## Border

The CSS property to change the border of an element to Hex 1CB9DC 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
#1CB9DC }
```

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

```
.border{ border-color:#1CB9DC }
```

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

Here you see how a box with a 4 pixel #1CB9DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CB9DC; -webkit-box-shadow:4px 4px  
4px 4px #1CB9DC; box-shadow:4px 4px 4px  
4px #1CB9DC }
```

# Background

The CSS property to change the background color of an element to Hex 1CB9DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CB9DC }
```

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

```
.background{ background-color:#1CB9DC }
```

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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