

# Converting Colors

Hex(1DC1D0)

Have a look what the booklet for  
Hex(1DC1D0) contains.

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# Color

Hex(1DC1D0)

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 1DC1D0                        |
| RGB         | 29, 193, 208                  |
| RGB Percent | 11%, 76%, 82%                 |
| CMY         | 0.8863, 0.2431, 0.1843        |
| CMYK        | 0.86, 0.07, 0.00, 0.18        |
| HSL         | 185°, 76%, 46%                |
| HSV         | 185°, 86%, 82%                |
| XYZ         | 30.9618, 42.9552, 66.3338     |
| YIQ         | 145.6740, -102.5590, -30.1030 |

# Conversions

## Conversions Part 2

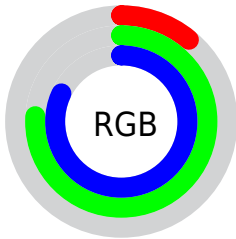
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 29, 115, 208                    |
| Decimal                             | 1950160                         |
| CIE <sub>Lab</sub>                  | 71.52, -33.23, -18.64           |
| CIE <sub>LCh</sub>                  | 72, 38.101, 209.293             |
| Yxy                                 | 42.9552, 0.2208,<br>0.3063      |
| Android<br>(android.graphics.Color) | 4280140240<br>(0xFF1DC1D0)      |
| YUV                                 | 145.6740, 30.7267,<br>-102.3231 |
| Hunter-Lab                          | 65.5402, -30.3703,<br>-14.1298  |

# Details

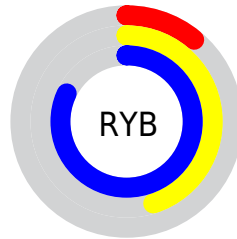
The Hex color **1DC1D0** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D02C1D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **70FAFF**, and **008B9A** is the 20% darker color. If you saturate the color by 10%, you get **08BFD0**, and if you desaturate by 10%, it is **32C3D0**.

# Distribution



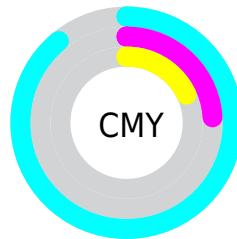
- Red (11%)
- Green (76%)
- Blue (82%)



- Red (11%)
- Yellow (45%)
- Blue (82%)



- Cyan (86%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (89%)
- Magenta (24%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DC1D0 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 1DC1D0 by changing the saturation by 10% instead.



 1DC1D0

 1DC1D0

FFFFFF

 00A6B4


 70FAFF

 008B9A

 90FFFF

 007180

 AFFFFFF

 005867

 CEFFFF

 00404F

 EDFFFF

 002A38

 000C23

 00000A

 000000

■ 1DC1D0

■ 1DC1D0

■ 08BFD0

■ 32C3D0

■ 00BFD0

■ 47C4D0

■ 5BC6D0

■ 70C8D0

■ 85CAD0

■ 9ACBD0

■ AFCDD0

■ C3CFD0

■ D8D1D0

# Harmonies

## Analogous

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



4BC2AD



1DC1D0



3EBCEA

# Triad

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



1DC1D0



DA9BD3



C7AD69

# Complementary

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



1DC1D0



D02C1D

# 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.



E3A174



1DC1D0



F094B1

# Square

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



1DC1D0



B2A6EC



F2978F



A3B771

# Rectangle

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



1DC1D0



67B6F3



F2978F



D1A96B



# Sweetspot

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



1DC1D0



BDF9FF



1DD02C



587C80



000000



808080



# Same Dimension

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



1DC1D0



00EAFB



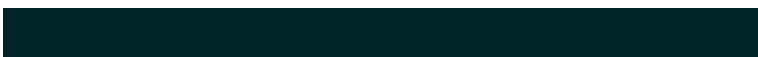
1D68D0



5E6869



009AA8



002529



# Inverse Universe

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



D01DC1



FF00EA



D0851D



695E68



A8009A

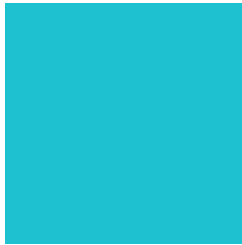


290025



# Previews

## White Background



This preview shows how the Hex color 1DC1D0 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 1DC1D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

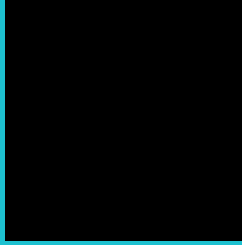
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1DC1D0 Background



This preview shows how black text looks on a background with the Hex color 1DC1D0.

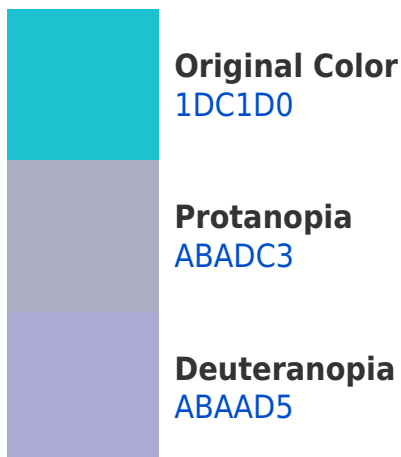


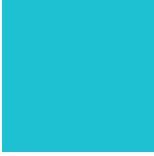
This preview shows how white text looks on a background with the Hex color 1DC1D0.

# 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**  
1EC1D1

# Trichromacy



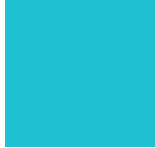
**Original Color**  
1DC1D0



**Protanomaly**  
77B4C8



**Deuteranomaly**  
77B2D3



**Tritanomaly**  
1EC1D1

# Monochromacy



**Original Color**  
1DC1D0



**Achromatopsia**  
929292



**Achromatomaly**  
67A3A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DC1D0 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 #1DC1D0 looks like.

```
.text, #text, p{  
    color:#1DC1D0  
}
```

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 #1DC1D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DC1D0
}
```

## Border

The CSS property to change the border of an element to Hex 1DC1D0 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
#1DC1D0 }
```

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

```
.border{ border-color:#1DC1D0 }
```

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

Here you see how a box with a 4 pixel #1DC1D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DC1D0; -webkit-box-shadow:4px 4px  
4px 4px #1DC1D0; box-shadow:4px 4px 4px  
4px #1DC1D0 }
```

# Background

The CSS property to change the background color of an element to Hex 1DC1D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DC1D0 }
```

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

```
.background{ background-color:#1DC1D0 }
```

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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