

# Converting Colors

Hex(1DCFE0)

Have a look what the booklet for  
Hex(1DCFE0) contains.

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# Color

Hex(1DCFE0)

# Conversions

## Conversions Part 1

Format	Color
Hex	1DCFE0
RGB	29, 207, 224
RGB Percent	11%, 81%, 88%
CMY	0.8863, 0.1882, 0.1216
CMYK	0.87, 0.08, 0.00, 0.12
HSL	185°, 77%, 50%
HSV	185°, 87%, 88%
XYZ	36.2741, 50.2687, 78.3120
YIQ	155.7160, -111.5450, -32.4490

# Conversions

## Conversions Part 2

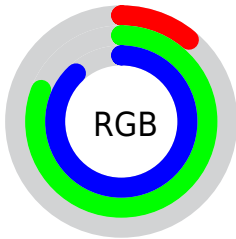
Format	Color
<a href="#">RYB</a>	<a href="#">29, 122, 224</a>
Decimal	<a href="#">1953760</a>
CIELab	<a href="#">76.23, -34.88, -20.17</a>
CIElCh	<a href="#">76, 40.292, 210.037</a>
Yxy	<a href="#">50.2687, 0.2200, 0.3049</a>
Android (android.graphics.Color)	<a href="#">4280143840 (0xFF1DCFE0)</a>
YUV	<a href="#">155.7160, 33.6640, -111.1299</a>
Hunter-Lab	<a href="#">70.9004, -32.7515, -15.8576</a>

# Details

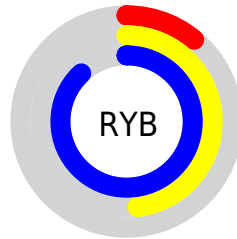
The Hex color **1DCFE0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E02E1D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **74FFFF**, and **0098A9** is the 20% darker color. If you saturate the color by 10%, you get **07CDE0**, and if you desaturate by 10%, it is **33D1E0**.

# Distribution



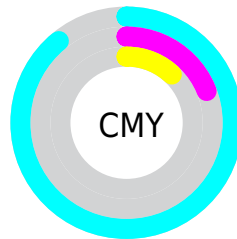
- Red (11%)
- Green (81%)
- Blue (88%)



- Red (11%)
- Yellow (48%)
- Blue (88%)



- Cyan (87%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (89%)
- Magenta (19%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DCFE0 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 1DCFE0 by changing the saturation by 10% instead.



 1DCFE0

 1DCFE0

FFFFFF

 00B3C4

 74FFFF

 0098A9

 95FFFF

 007E8E

 B5FFFF

 006475

 D4FFFF

 004C5C

 F4FFFF

 003444

 00202E

 00011A

 000000

 1DCFE0

 1DCFE0

 07CDE0

 33D1E0

 00CCE0

 4AD3E0

 60D5E0

 77D7E0

 8DD9E0

 A3DBE0

 BADDE0

 D0DFE0

 E7E1E0

# Harmonies

## Analogous

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



4FD0BB



1DCFE0



44CAFC

# Triad

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



1DCFE0



EBA6E2



D4BA71

# Complementary

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



1DCFE0



E02E1D

# 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.



F3AD7D



1DCFE0



FF9FBD

# Square

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



1DCFE0



C0B2FC



FFA299



AEC57A

# Rectangle

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



1DCFE0



70C3FF



FFA299



E0B573



# Sweetspot

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



1DCFE0



BDF9FF



1DE02D



587C80



000000



808080



# Same Dimension

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



1DCFE0



00E9FF



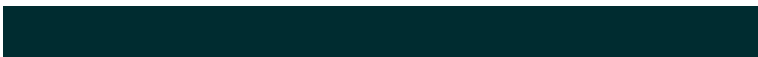
1D6EE0



656F70



00A1B0



002C30



# Inverse Universe

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



E01DCF



FF00E9



E08F1D



70656F



B000A1

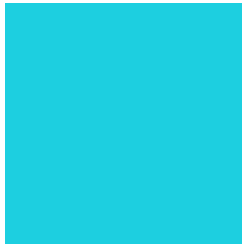


30002C



# Previews

## White Background



This preview shows how the Hex color 1DCFE0 looks on a white background.

## Color Contrast Check

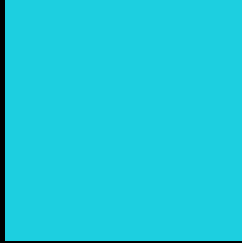
Large Text (above 18pt) WCAG AA × Fail

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 1DCFE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

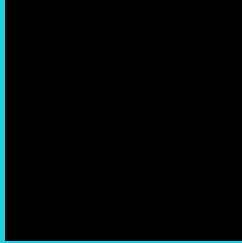
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1DCFE0 Background



This preview shows how black text looks on a background with the Hex color 1DCFE0.

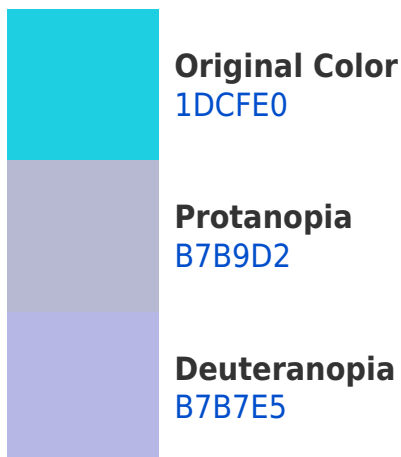


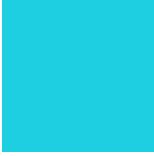
This preview shows how white text looks on a background with the Hex color 1DCFE0.

# 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](#).

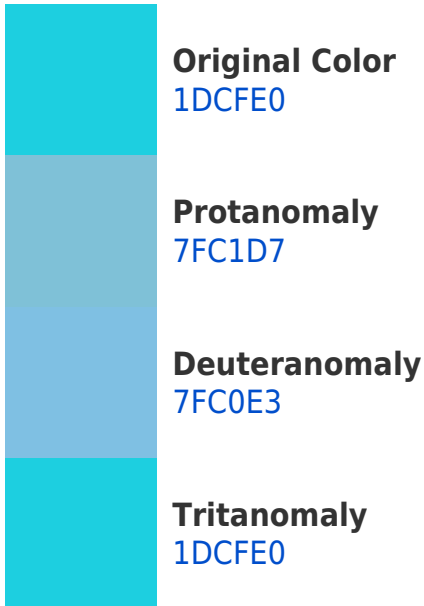
## Dichromacy





**Tritanopia**  
1DCFEO

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DCFE0 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 #1DCFE0 looks like.

```
.text, #text, p{  
    color:#1DCFE0  
}
```

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 #1DCFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DCFE0
}
```

## Border

The CSS property to change the border of an element to Hex 1DCFE0 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
#1DCFE0 }
```

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

```
.border{ border-color:#1DCFE0 }
```

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

Here you see how a box with a 4 pixel #1DCFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DCFE0; -webkit-box-shadow:4px 4px  
4px 4px #1DCFE0; box-shadow:4px 4px 4px  
4px #1DCFE0 }
```

# Background

The CSS property to change the background color of an element to Hex 1DCFE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DCFE0 }
```

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

```
.background{ background-color:#1DCFE0 }
```

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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