

# Converting Colors

Hex(1ED1E0)

Have a look what the booklet for  
Hex(1ED1E0) contains.

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# **Color**

**Hex(1ED1E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1ED1E0
RGB	30, 209, 224
RGB Percent	12%, 82%, 88%
CMY	0.8824, 0.1804, 0.1216
CMYK	0.87, 0.07, 0.00, 0.12
HSL	185°, 76%, 50%
HSV	185°, 87%, 88%
XYZ	36.7904, 51.2588, 78.4759
YIQ	157.1890, -111.4990, -33.2830

# Conversions

## Conversions Part 2

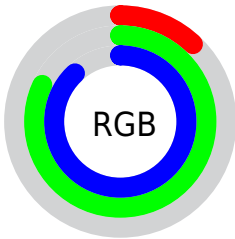
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 123, 224
Decimal	2019808
CIELab	76.84, -35.76, -19.26
CIELCh	77, 40.616, 208.301
Yxy	51.2588, 0.2209, 0.3078
Android (android.graphics.Color)	4280209888 (0xFF1ED1E0)
YUV	157.1890, 32.9378, -111.5448
Hunter-Lab	71.5952, -33.5664, -14.8714




# Details

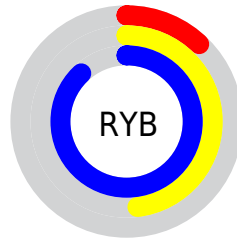
The Hex color **1ED1E0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E02D1E**, and the grayscale version is **9D9D9D**.




A 20% lighter version of the original color is **75FFFF**, and **009AA9** is the 20% darker color. If you saturate the color by 10%, you get **08CFE0**, and if you desaturate by 10%, it is **34D3E0**.

# Distribution







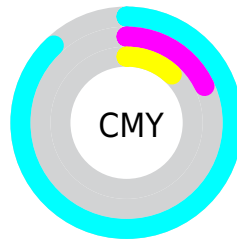
-  Red (12%)
-  Green (82%)
-  Blue (88%)






-  Red (12%)
-  Yellow (48%)
-  Blue (88%)



-  Cyan (87%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (12%)



-  Cyan (88%)
-  Magenta (18%)
-  Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1ED1E0 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 1ED1E0 by changing the saturation by 10% instead.



 1ED1E0

 1ED1E0

FFFFFF

 00B5C4

 75FFFF

 009AA9

 96FFFF

 00808E

 B5FFFF

 006675

 D5FFFF

 004D5C

 F4FFFF

 003645

 00212E

 00011A

 000000

 1ED1E0

 1ED1E0

 08CFE0

 34D3E0

 00CFE0

 4BD4E0

 61D6E0

 78D8E0

 8EDAE0

 A4DBE0

 BBDDE0

 D1DFE0

 E8E1E0

# Harmonies

## Analogous

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



52D2BA



1ED1E0



40CCFD

# Triad

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



1ED1E0



EBA8E6



D8BB72

# Complementary

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



1ED1E0



E02D1E

# 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.



F6AE7F



1ED1E0



FFA1C1

# Square

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



1ED1E0



BFB5FF



FFA39C



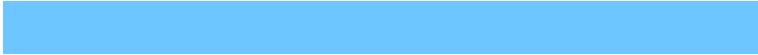
B2C67A

# Rectangle

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



1ED1E0



6DC6FF



FFA39C



E4B674



# Sweetspot

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



1ED1E0



BDFAFF



1EE02B



587C80



000000



808080

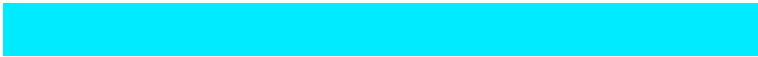


# Same Dimension

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



1ED1E0



00EBFF



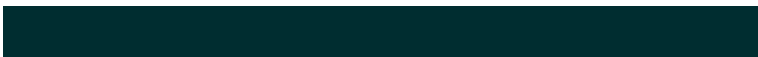
1E72E0



656F70



00A2B0



002D30



# Inverse Universe

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



E01ED1



FF00EB



E08C1E



70656F



B000A2

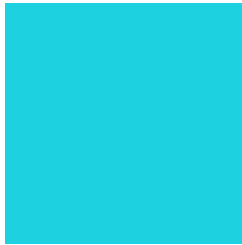


30002D



# Previews

## White Background



This preview shows how the Hex color 1ED1E0 looks on a white background.

## Color Contrast Check

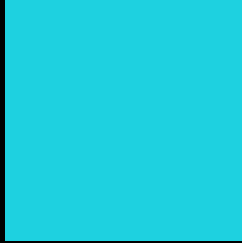
Large Text (above 18pt) WCAG AA × Fail

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 1ED1E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

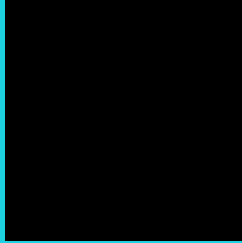
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1ED1E0 Background



This preview shows how black text looks on a background with the Hex color 1ED1E0.

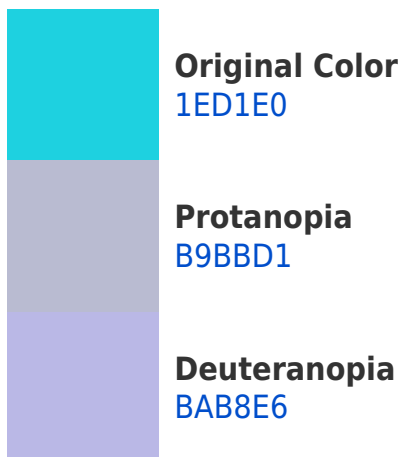


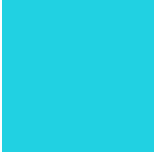
This preview shows how white text looks on a background with the Hex color 1ED1E0.

# 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](#).

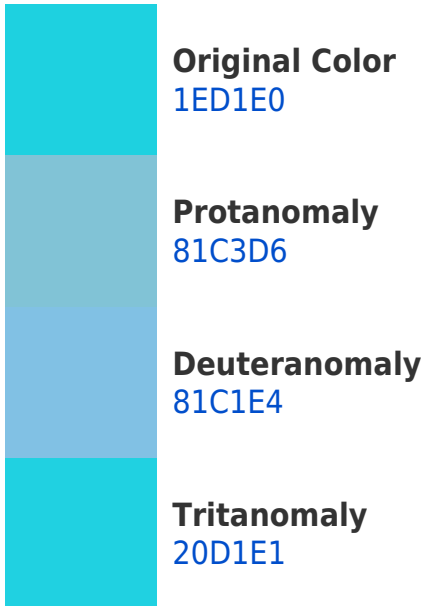
## Dichromacy





**Tritanopia**  
21D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1ED1E0 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 #1ED1E0 looks like.

```
.text, #text, p{  
    color:#1ED1E0  
}
```

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 #1ED1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ED1E0
}
```

## Border

The CSS property to change the border of an element to Hex 1ED1E0 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
#1ED1E0 }
```

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

```
.border{ border-color:#1ED1E0 }
```

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

Here you see how a box with a 4 pixel #1ED1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ED1E0; -webkit-box-shadow:4px 4px  
4px 4px #1ED1E0; box-shadow:4px 4px 4px  
4px #1ED1E0 }
```

# Background

The CSS property to change the background color of an element to Hex 1ED1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ED1E0 }
```

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

```
.background{ background-color:#1ED1E0 }
```

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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