

# Converting Colors

Hex(1ED6C0)

Have a look what the booklet for  
Hex(1ED6C0) contains.

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**Color**

**Hex(1ED6C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1ED6C0
RGB	30, 214, 192
RGB Percent	12%, 84%, 75%
CMY	0.8824, 0.1608, 0.2471
CMYK	0.86, 0.00, 0.10, 0.16
HSL	173°, 75%, 48%
HSV	173°, 86%, 84%
XYZ	34.0964, 52.1749, 58.1429
YIQ	156.4760, -102.6020, -45.8500

# Conversions

## Conversions Part 2

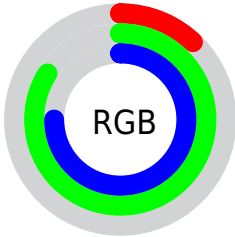
Format	Color
R <sub>Y</sub> B	30, 128, 214
Decimal	2021056
CIE Lab	77.39, -47.25, -1.25
CIE LCh	77, 47.268, 181.515
Yxy	52.1749, 0.2361, 0.3613
Android (android.graphics.Color)	4280211136 (0xFF1ED6C0)
YUV	156.4760, 17.5133, -110.9195
Hunter-Lab	72.2322, -42.1474, 2.8374

# Details

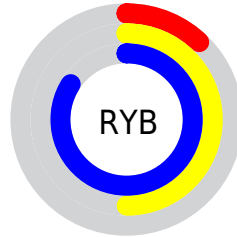
The Hex color **1ED6C0** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D61E34**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **72FFF8**, and **009E8B** is the 20% darker color. If you saturate the color by 10%, you get **09D6BD**, and if you desaturate by 10%, it is **33D6C3**.

# Distribution



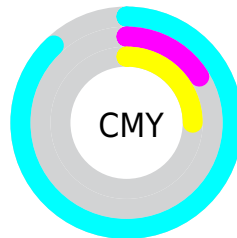
- Red (12%)
- Green (84%)
- Blue (75%)



- Red (12%)
- Yellow (50%)
- Blue (84%)



- Cyan (86%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (88%)
- Magenta (16%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1ED6C0 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 1ED6C0 by changing the saturation by 10% instead.



 1ED6C0

 1ED6C0

FFFFFF

 00BAA5

 72FFF8

 009E8B

 92FFFF

 008371

 B2FFFF

 006959

 D1FFFF

 005042

 F0FFFF

 00382C

 002217

 000000

 1ED6C0

 1ED6C0

■ 09D6BD

■ 33D6C3

■ 00D6BC

■ 49D6C5

■ 5ED6C8

■ 74D6CA

■ 89D6CD

■ 9ED6CF

■ B4D6D2

■ C9D6D4

■ DFD6D7

# Harmonies

## Analogous

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



75D294



1ED6C0



00D5EC

# Triad

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



1ED6C0



C6B3FF



FCAE73

# Complementary

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



1ED6C0



D61E34

# 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.



FFA094



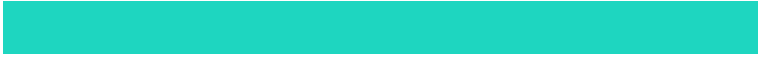
1ED6C0



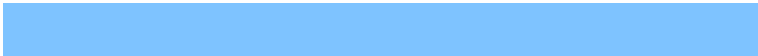
F8A3EA

# Square

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



1ED6C0



7EC3FF



FF9CBF



D8BD66

# Rectangle

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



1ED6C0



00D1FF



FF9CBF



FFA97C



# Sweetspot

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



1ED6C0



BDFFF7



37D61E



58807B



000000



808080



# Same Dimension

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



1ED6C0



00FFE1



1E93D6



606B6A



00AB96



002B26



# Inverse Universe

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



D61E34



FF001E



D6611E



6B6062



AB0014

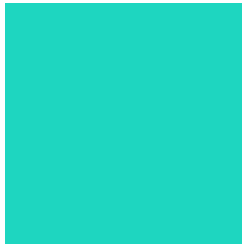


2B0005



# Previews

## White Background



This preview shows how the Hex color 1ED6C0 looks on a white background.

## Color Contrast Check

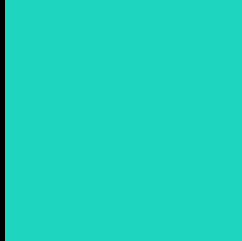
Large Text (above 18pt) WCAG AA × Fail

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 1ED6C0 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

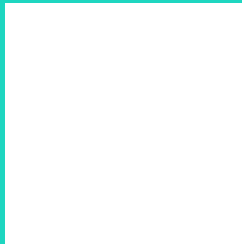
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1ED6C0 Background



This preview shows how black text looks on a background with the Hex color 1ED6C0.

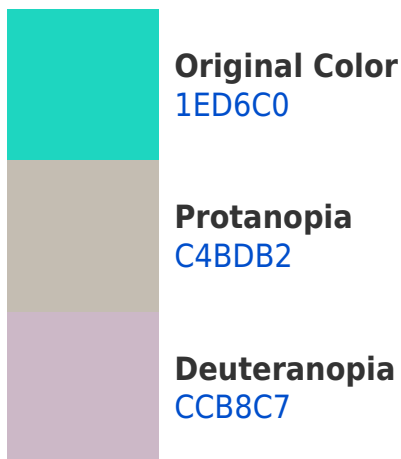


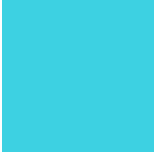
This preview shows how white text looks on a background with the Hex color 1ED6C0.

# 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**  
3DD1E2

# Trichromacy



**Original Color**  
1ED6C0



**Protanomaly**  
88C6B7

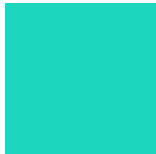


**Deuteranomaly**  
8DC3C4



**Tritanomaly**  
32D3D6

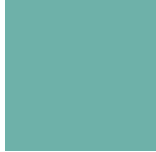
# Monochromacy



**Original Color**  
1ED6C0



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
6EB1A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1ED6C0 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 #1ED6C0 looks like.

```
.text, #text, p{  
    color:#1ED6C0  
}
```

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 #1ED6C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ED6C0  
}
```

## Border

The CSS property to change the border of an element to Hex 1ED6C0 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  
#1ED6C0 }
```

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

```
.border{ border-color:#1ED6C0 }
```

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

Here you see how a box with a 4 pixel #1ED6C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ED6C0; -webkit-box-shadow:4px 4px  
4px 4px #1ED6C0; box-shadow:4px 4px 4px  
4px #1ED6C0 }
```

# Background

The CSS property to change the background color of an element to Hex 1ED6C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ED6C0 }
```

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

```
.background{ background-color:#1ED6C0 }
```

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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