

Converting Colors

Hex(1DE7C0)

Have a look what the booklet for
Hex(1DE7C0) contains.

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Color

Hex(1DE7C0)

Conversions

Conversions Part 1

Format	Color
Hex	1DE7C0
RGB	29, 231, 192
RGB Percent	11%, 91%, 75%
CMY	0.8863, 0.0941, 0.2471
CMYK	0.87, 0.00, 0.17, 0.09
HSL	168°, 81%, 51%
HSV	168°, 87%, 91%
XYZ	38.5970, 61.2188, 59.6513
YIQ	166.1560, -107.8730, -54.9530

Conversions

Conversions Part 2

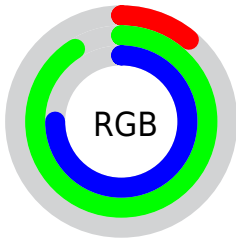
Format	Color
RYB	29, 141, 231
Decimal	1959872
CIELab	82.50, -54.29, 6.17
CIElCh	82, 54.641, 173.515
Yxy	61.2188, 0.2420, 0.3839
Android (android.graphics.Color)	4280149952 (0xFF1DE7C0)
YUV	166.1560, 12.7411, -120.2858
Hunter-Lab	78.2424, -48.8702, 9.5676

Details

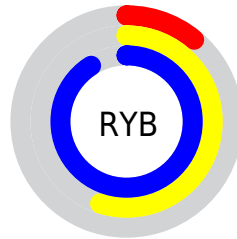
The Hex color **1DE7C0** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **E71D44**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **75FFF8**, and **00AE8B** is the 20% darker color. If you saturate the color by 10%, you get **06E7BC**, and if you desaturate by 10%, it is **34E7C4**.

Distribution



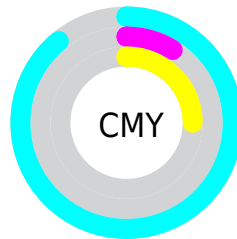
- Red (11%)
- Green (91%)
- Blue (75%)



- Red (11%)
- Yellow (55%)
- Blue (91%)



- Cyan (87%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)



- Cyan (89%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DE7C0 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 1DE7C0 by changing the saturation by 10% instead.

 1DE7C0

 1DE7C0


FFFFFF

 00CAA5

 75FFF8

 00AE8B

 96FFFF

 009371

 B6FFFF

 007859

 D6FFFF

 005E41

 F5FFFF

 00452B

 002F17

 001000

 000000

 1DE7C0

 1DE7C0

 06E7BC

 34E7C4

 00E7BA

 4BE7C9

 62E7CD

 79E7D2

 91E7D6

 A8E7DB

 BFE7DF

 D6E7E4

 EDE7E8

Harmonies

Analogous

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



87E28E



1DE7C0



00E7F5

Triad

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



1DE7C0



C0C4FF



FFB47C

Complementary

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



1DE7C0



E71D44

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.



FFA6A7



1DE7C0



FFB1FF

Square

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



1DE7C0



59D6FF



FFA4DB



F6C765

Rectangle

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



1DE7C0



00E4FF



FFA4DB



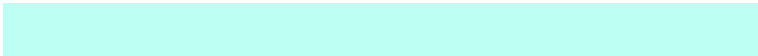
FFAE89

Sweetspot

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



1DE7C0



BDFFF2



45E71D



588078



000000



808080

Same Dimension

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



1DE7C0



00FFCE



1DAAE7



677371



00B390



003329

Inverse Universe

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



E71D44



FF0031



E75A1D



736769



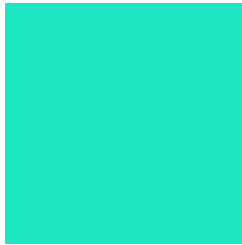
B30022



33000A

Previews

White Background



This preview shows how the Hex color 1DE7C0 looks on a white background.

Color Contrast Check

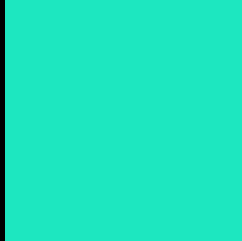
Large Text (above 18pt) WCAG AA × Fail

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 1DE7C0 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

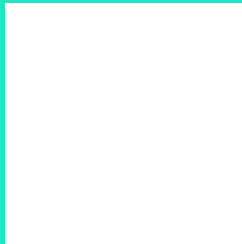
Any Text WCAG AAA ✓ Pass

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

Hex 1DE7C0 Background



This preview shows how black text looks on a background with the Hex color 1DE7C0.

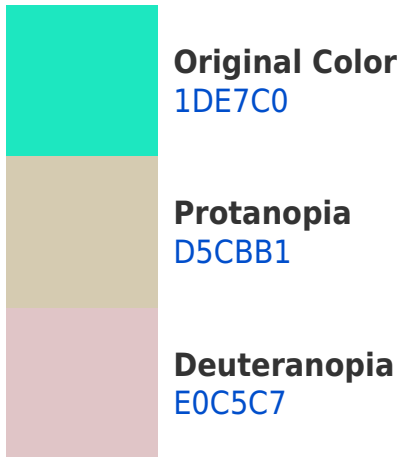


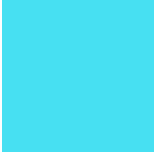
This preview shows how white text looks on a background with the Hex color 1DE7C0.

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



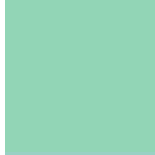


Tritanopia
47E0F2

Trichromacy



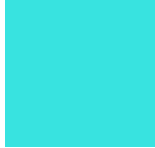
Original Color
1DE7C0



Protanomaly
92D5B6



Deuteranomaly
99D1C4



Tritanomaly
38E3E0

Monochromacy



Original Color
1DE7C0



Achromatopsia
A6A6A6



Achromatomaly
74BEAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DE7C0 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 #1DE7C0 looks like.

```
.text, #text, p{  
    color:#1DE7C0  
}
```

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 #1DE7C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DE7C0
}
```

Border

The CSS property to change the border of an element to Hex 1DE7C0 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
#1DE7C0 }
```

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

```
.border{ border-color:#1DE7C0 }
```

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

Here you see how a box with a 4 pixel #1DE7C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DE7C0; -webkit-box-shadow:4px 4px  
4px 4px #1DE7C0; box-shadow:4px 4px 4px  
4px #1DE7C0 }
```

Background

The CSS property to change the background color of an element to Hex 1DE7C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DE7C0 }
```

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

```
.background{ background-color:#1DE7C0 }
```

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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