

Converting Colors

Hex(1DE2CE)

Have a look what the booklet for
Hex(1DE2CE) contains.

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Color

Hex(1DE2CE)

Conversions

Conversions Part 1

Format	Color
Hex	1DE2CE
RGB	29, 226, 206
RGB Percent	11%, 89%, 81%
CMY	0.8863, 0.1137, 0.1922
CMYK	0.87, 0.00, 0.09, 0.11
HSL	174°, 77%, 50%
HSV	174°, 87%, 89%
XYZ	38.8436, 59.1102, 67.7546
YIQ	164.8170, -110.9920, -47.9840

Conversions

Conversions Part 2

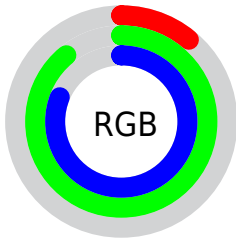
Format	Color
R_{YB}	29, 133, 226
Decimal	1958606
CIE _{Lab}	81.35, -48.57, -2.90
CIE _{LCh}	81, 48.659, 183.417
Yxy	59.1102, 0.2344, 0.3567
Android (android.graphics.Color)	4280148686 (0xFF1DE2CE)
YUV	164.8170, 20.3032, -119.1115
Hunter-Lab	76.8831, -44.3620, 1.5678

Details

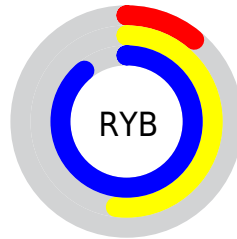
The Hex color **1DE2CE** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E21D31**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **75FFFF**, and **00AA98** is the 20% darker color. If you saturate the color by 10%, you get **06E2CC**, and if you desaturate by 10%, it is **34E2D0**.

Distribution



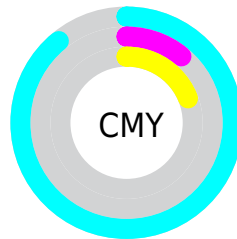
- Red (11%)
- Green (89%)
- Blue (81%)



- Red (11%)
- Yellow (52%)
- Blue (89%)



- Cyan (87%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DE2CE 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 1DE2CE by changing the saturation by 10% instead.

 1DE2CE

 1DE2CE


FFFFFF

 00C6B3

 75FFFF

 00AA98

 96FFFF

 008F7E

 B6FFFF

 007465

 D6FFFF

 005A4D

 F5FFFF

 004237

 002C21

 000A0C

 000000

 1DE2CE

 1DE2CE

 06E2CC

 34E2D0

 00E2CB

 4AE2D3

 61E2D5

 77E2D7

 8EE2D9

 A5E2DC

 BBE2DE

 D2E2E0

 E8E2E3

Harmonies

Analogous

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



79DFA0



1DE2CE



00E1FB

Triad

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



1DE2CE



D5BCFF



FFB979

Complementary

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



1DE2CE



E21D31

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.



FFAB9A



1DE2CE



FFADF4

Square

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



1DE2CE



8CCDFE



FFA5C7



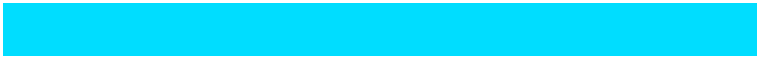
E2C96D

Rectangle

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



1DE2CE



00DDFF



FFA5C7



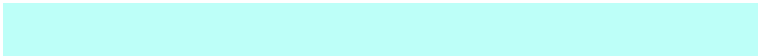
FFB482

Sweetspot

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



1DE2CE



BDFFF8



34E21D



58807B



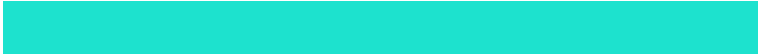
000000



808080

Same Dimension

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



1DE2CE



00FFE5



1D96E2



65706F



00B09E



00302C

Inverse Universe

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



E21D31



FF001A



E2691D



706566



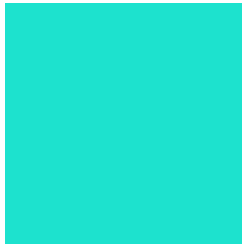
B00012



300005

Previews

White Background



This preview shows how the Hex color 1DE2CE looks on a white background.

Color Contrast Check

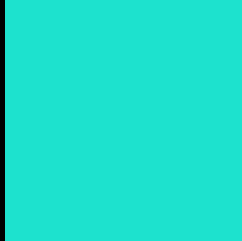
Large Text (above 18pt) WCAG AA × Fail

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 1DE2CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

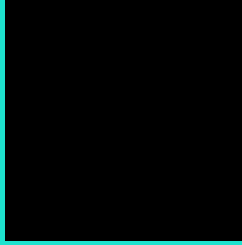
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

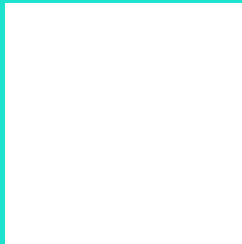
Any Text WCAG AAA ✓ Pass

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

Hex 1DE2CE Background



This preview shows how black text looks on a background with the Hex color 1DE2CE.

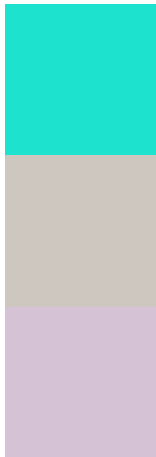


This preview shows how white text looks on a background with the Hex color 1DE2CE.

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](#).

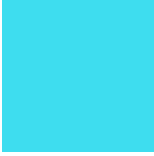
Dichromacy



Original Color
1DE2CE

Protanopia
CEC7BF

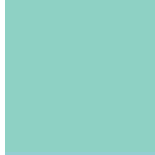
Deuteranopia
D6C2D5



Trichromacy



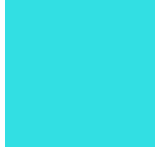
Original Color
1DE2CE



Protanomaly
8ED1C4

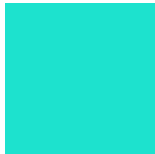


Deuteranomaly
93CED2

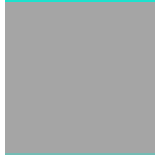


Tritanomaly
32DFE3

Monochromacy



Original Color
1DE2CE



Achromatopsia
A5A5A5



Achromatomaly
74BBB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DE2CE 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 #1DE2CE looks like.

```
.text, #text, p{  
    color:#1DE2CE  
}
```

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 #1DE2CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DE2CE
}
```

Border

The CSS property to change the border of an element to Hex 1DE2CE 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
#1DE2CE }
```

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

```
.border{ border-color:#1DE2CE }
```

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

Here you see how a box with a 4 pixel #1DE2CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DE2CE; -webkit-box-shadow:4px 4px  
4px 4px #1DE2CE; box-shadow:4px 4px 4px  
4px #1DE2CE }
```

Background

The CSS property to change the background color of an element to Hex 1DE2CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DE2CE }
```

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

```
.background{ background-color:#1DE2CE }
```

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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