

Converting Colors

Hex(1DE2D9)

Have a look what the booklet for
Hex(1DE2D9) contains.

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Color

Hex(1DE2D9)

Conversions

Conversions Part 1

Format	Color
Hex	1DE2D9
RGB	29, 226, 217
RGB Percent	11%, 89%, 85%
CMY	0.8863, 0.1137, 0.1490
CMYK	0.87, 0.00, 0.04, 0.11
HSL	177°, 77%, 50%
HSV	177°, 87%, 89%
XYZ	40.2274, 59.6637, 75.0417
YIQ	166.0710, -114.5230, -44.5630

Conversions

Conversions Part 2

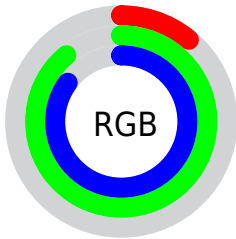
Format	Color
RYB	29, 130, 226
Decimal	1958617
CIELab	81.66, -45.52, -8.29
CIELCh	82, 46.273, 190.323
Yxy	59.6637, 0.2300, 0.3411
Android (android.graphics.Color)	4280148697 (0xFF1DE2D9)
YUV	166.0710, 25.1080, -120.2113
Hunter-Lab	77.2423, -42.2119, -3.5313

Details

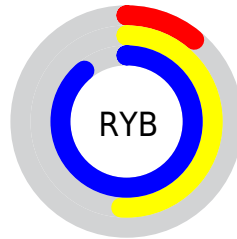
The Hex color **1DE2D9** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E21D26**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **76FFFF**, and **00AAA2** is the 20% darker color. If you saturate the color by 10%, you get **06E2D8**, and if you desaturate by 10%, it is **34E2DA**.

Distribution



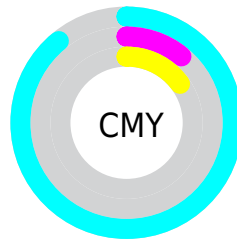
- Red (11%)
- Green (89%)
- Blue (85%)



- Red (11%)
- Yellow (51%)
- Blue (89%)



- Cyan (87%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DE2D9 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 1DE2D9 by changing the saturation by 10% instead.

 1DE2D9

 1DE2D9

FFFFFF

 00C6BD

 76FFFF

 00AAA2

 97FFFF

 008F88

 B8FFFF

 00746F

 D7FFFF

 005B56

 F7FFFF

 00423F

 002C29

 000C16

 000000

 1DE2D9

 1DE2D9

 06E2D8

 34E2DA

 00E2D8

 4AE2DB

 61E2DC

 77E2DD

 8EE2DE

 A5E2DF

 BBE2E0

 D2E2E1

 E8E2E2

Harmonies

Analogous

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



71E0AC



1DE2D9



00DFFF

Triad

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



1DE2D9



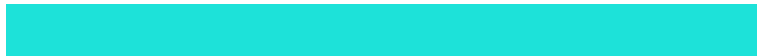
E3BAFF



FFBE7A

Complementary

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



1DE2D9



E21D26

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.



FFB095



1DE2D9



FFAED9

Square

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



1DE2D9



A3CAFF



FFA9BD



D8CD74

Rectangle

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



1DE2D9



28DBFF



FFA9BD



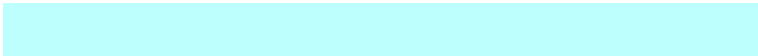
FFB981

Sweetspot

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



1DE2D9



BDFFFC



27E21D



58807E



000000



808080

Same Dimension

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



1DE2D9



00FFF3



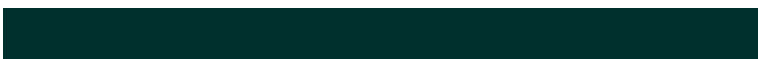
1D89E2



657070



00B0A8



00302E

Inverse Universe

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



E21D26



FF000C



E2761D



706565



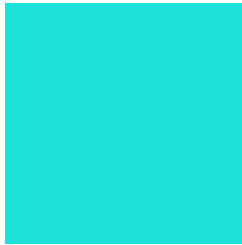
B00008



300002

Previews

White Background



This preview shows how the Hex color 1DE2D9 looks on a white background.

Color Contrast Check

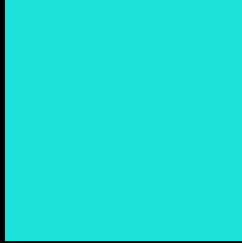
Large Text (above 18pt) WCAG AA × Fail

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 1DE2D9 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 1DE2D9 Background



This preview shows how black text looks on a background with the Hex color 1DE2D9.

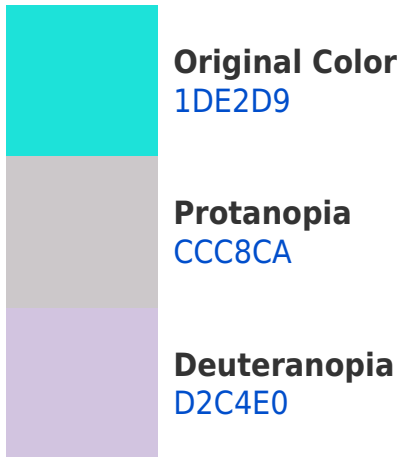


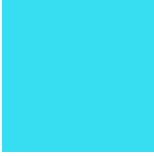
This preview shows how white text looks on a background with the Hex color 1DE2D9.

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
37DEF1

Trichromacy



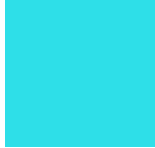
Original Color
1DE2D9



Protanomaly
8CD1CF



Deuteranomaly
90CFDD

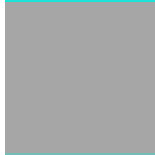


Tritanomaly
2EDFE8

Monochromacy



Original Color
1DE2D9



Achromatopsia
A6A6A6



Achromatomaly
74BCB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DE2D9 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 #1DE2D9 looks like.

```
.text, #text, p{  
    color:#1DE2D9  
}
```

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 #1DE2D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DE2D9
}
```

Border

The CSS property to change the border of an element to Hex 1DE2D9 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
#1DE2D9 }
```

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

```
.border{ border-color:#1DE2D9 }
```

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

Here you see how a box with a 4 pixel #1DE2D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DE2D9; -webkit-box-shadow:4px 4px  
4px 4px #1DE2D9; box-shadow:4px 4px 4px  
4px #1DE2D9 }
```

Background

The CSS property to change the background color of an element to Hex 1DE2D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DE2D9 }
```

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

```
.background{ background-color:#1DE2D9 }
```

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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