

Converting Colors

Hex(1DE2E2)

Have a look what the booklet for
Hex(1DE2E2) contains.

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Color

Hex(1DE2E2)

Conversions

Conversions Part 1

Format	Color
Hex	1DE2E2
RGB	29, 226, 226
RGB Percent	11%, 89%, 89%
CMY	0.8863, 0.1137, 0.1137
CMYK	0.87, 0.00, 0.00, 0.11
HSL	180°, 77%, 50%
HSV	180°, 87%, 89%
XYZ	41.4305, 60.1449, 81.3770
YIQ	167.0970, -117.4120, -41.7640

Conversions

Conversions Part 2

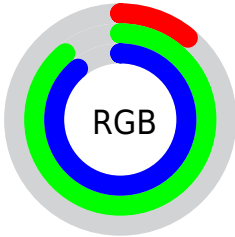
Format	Color
R_{YB}	29, 128, 226
Decimal	1958626
CIE _{Lab}	81.92, -42.95, -12.68
CIE _{LCh}	82, 44.779, 196.447
Yxy	60.1449, 0.2265, 0.3287
Android (android.graphics.Color)	4280148706 (0xFF1DE2E2)
YUV	167.0970, 29.0392, -121.1111
Hunter-Lab	77.5531, -40.3596, -7.9262

Details

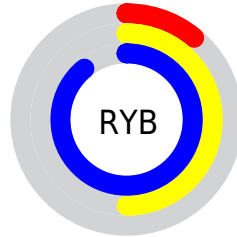
The Hex color **1DE2E2** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E21D1D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **77FFFF**, and **00AAAB** is the 20% darker color. If you saturate the color by 10%, you get **06E2E2**, and if you desaturate by 10%, it is **34E2E2**.

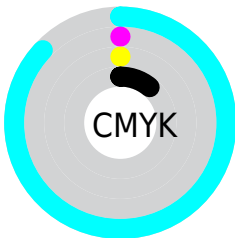
Distribution



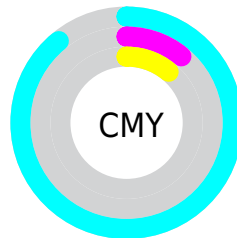
- Red (11%)
- Green (89%)
- Blue (89%)



- Red (11%)
- Yellow (50%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1DE2E2 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 1DE2E2 by changing the saturation by 10% instead.

 1DE2E2

 1DE2E2

FFFFFF

 00C6C6

 77FFFF

 00AAAB

 98FFFF

 008F90

 B9FFFF

 007577

 D9FFFF

 005B5E

 F8FFFF

 004346

 002C30

 000E1C

 000000

 1DE2E2

 1DE2E2

 06E2E2

 34E2E2

 00E2E2

 4AE2E2

 61E2E2

 77E2E2

 8EE2E2

 A5E2E2

 BBE2E2

 D2E2E2

 E8E2E2

Harmonies

Analogous

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



69E1B7



1DE2E2



00DEFF

Triad

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



1DE2E2



EDB8FF



F8C37A

Complementary

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



1DE2E2



E21D1D

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.



FFB491



1DE2E2



FFADE1

Square

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



1DE2E2



B4C8FF



FFABB6



D0D07A

Rectangle

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



1DE2E2



4DD9FF



FFABB6



FFBE7F

Sweetspot

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



1DE2E2



BDFFFF



1DE21D



588080



000000



808080

Same Dimension

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



1DE2E2



00FFFF



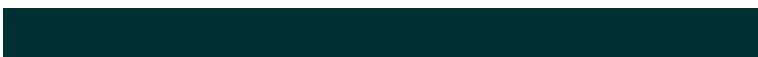
1D80E2



657070



00B0B0



003030

Inverse Universe

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



E21DE2



FF00FF



E2801D



706570



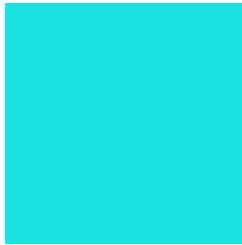
B000B0



300030

Previews

White Background



This preview shows how the Hex color 1DE2E2 looks on a white background.

Color Contrast Check

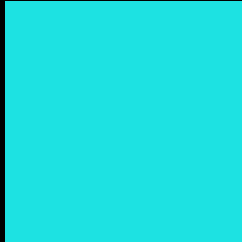
Large Text (above 18pt) WCAG AA × Fail

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 1DE2E2 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 1DE2E2 Background



This preview shows how black text looks on a background with the Hex color 1DE2E2.

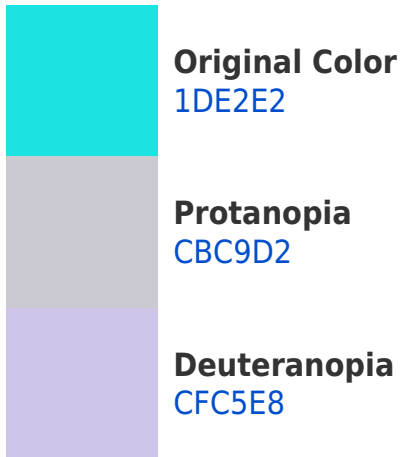


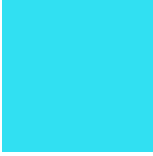
This preview shows how white text looks on a background with the Hex color 1DE2E2.

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
31E0F2

Trichromacy



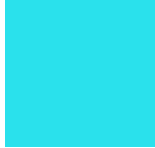
Original Color
1DE2E2



Protanomaly
8CD2D8



Deuteranomaly
8ED0E6



Tritanomaly
2AE1EC

Monochromacy



Original Color
1DE2E2



Achromatopsia
A7A7A7



Achromatomaly
75BCBC

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DE2E2 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 #1DE2E2 looks like.

```
.text, #text, p{  
    color:#1DE2E2  
}
```

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 #1DE2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DE2E2
}
```

Border

The CSS property to change the border of an element to Hex 1DE2E2 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
#1DE2E2 }
```

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

```
.border{ border-color:#1DE2E2 }
```

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

Here you see how a box with a 4 pixel #1DE2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DE2E2; -webkit-box-shadow:4px 4px  
4px 4px #1DE2E2; box-shadow:4px 4px 4px  
4px #1DE2E2 }
```

Background

The CSS property to change the background color of an element to Hex 1DE2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DE2E2 }
```

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

```
.background{ background-color:#1DE2E2 }
```

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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