

Converting Colors

Hex(0DE4CD)

Have a look what the booklet for
Hex(0DE4CD) contains.

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Color

Hex(0DE4CD)

Conversions

Conversions Part 1

Format	Color
Hex	0DE4CD
RGB	13, 228, 205
RGB Percent	5%, 89%, 80%
CMY	0.9490, 0.1059, 0.1961
CMYK	0.94, 0.00, 0.10, 0.11
HSL	174°, 89%, 47%
HSV	174°, 94%, 89%
XYZ	38.9288, 59.9801, 67.2832
YIQ	161.0930, -120.7570, -52.7330

Conversions

Conversions Part 2

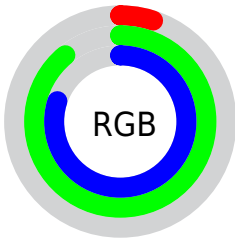
Format	Color
RYB	13, 127, 228
Decimal	910541
CIELab	81.83, -50.35, -1.68
CIELCh	82, 50.379, 181.915
Yxy	59.9801, 0.2342, 0.3609
Android (android.graphics.Color)	4279100621 (0xFF0DE4CD)
YUV	161.0930, 21.6462, -129.8776
Hunter-Lab	77.4469, -45.8086, 2.7037

Details

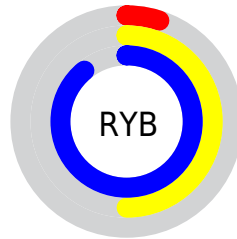
The Hex color **0DE4CD** is a dark color, and the websafe version is hex **00FFFF**. The color can be described as middle washed cyan. A complement of this color would be **E40D24**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **71FFFF**, and **00AC97** is the 20% darker color. If you saturate the color by 10%, you get **00E4CC**, and if you desaturate by 10%, it is **24E4CF**.

Distribution



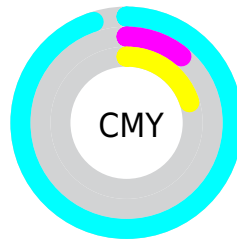
- Red (5%)
- Green (89%)
- Blue (80%)



- Red (5%)
- Yellow (50%)
- Blue (89%)



- Cyan (94%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (95%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DE4CD 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 0DE4CD by changing the saturation by 10% instead.

 0DE4CD

 0DE4CD

FFFFFF

 00C7B2

 71FFFF

 00AC97

 93FFFF

 00907D

 B3FFFF

 007664

 D3FFFF

 005C4C

 F3FFFF

 004336

 002D20

 000D0A

 000000

 0DE4CD

 0DE4CD

 00E4CC

 24E4CF

 3BE4D2

 51E4D4

 68E4D7

 7FE4D9

 96E4DC

 ADE4DE

 C3E4E1

 DAE4E3

Harmonies

Analogous

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



7AE09D



0DE4CD



00E3FC

Triad

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



0DE4CD



D4BEFF



FFB979

Complementary

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



0DE4CD



E40D24

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.



FFAA9C



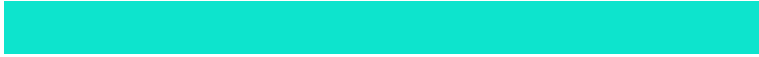
0DE4CD



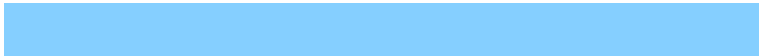
FFADF9

Square

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



0DE4CD



85CFFF



FFA5CA



E6CA6B

Rectangle

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



0DE4CD



00DFFF



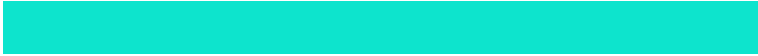
FFA5CA



FFB383

Sweetspot

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



0DE4CD



B8FFF7



26E40D



54807B



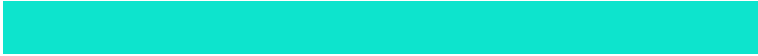
000000



808080

Same Dimension

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



0DE4CD



00FFE4



0D92E4



677372



00B39F



00332E

Inverse Universe

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



E40D24



FF001B



E45F0D



736769



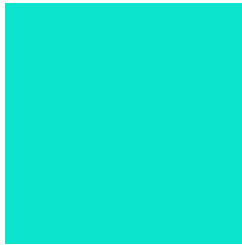
B30013



330005

Previews

White Background



This preview shows how the Hex color 0DE4CD looks on a white background.

Color Contrast Check

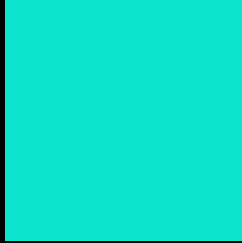
Large Text (above 18pt) WCAG AA × Fail

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 0DE4CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

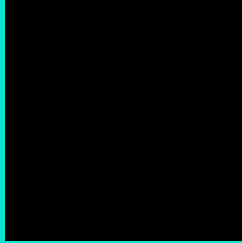
Any Text WCAG AA ✓ Pass

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 0DE4CD Background



This preview shows how black text looks on a background with the Hex color 0DE4CD.



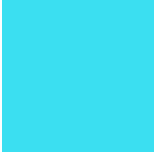
This preview shows how white text looks on a background with the Hex color 0DE4CD.

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



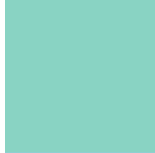


Tritanopia
3BDF1

Trichromacy



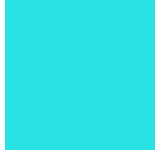
Original Color
0DE4CD



Protanomaly
89D3C3



Deuteranomaly
8ED0D1

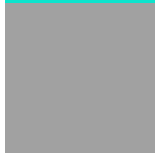


Tritanomaly
2AE1E4

Monochromacy



Original Color
0DE4CD



Achromatopsia
A1A1A1



Achromatomaly
6BB9B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DE4CD 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 #0DE4CD looks like.

```
.text, #text, p{  
    color:#0DE4CD  
}
```

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 #0DE4CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DE4CD
}
```

Border

The CSS property to change the border of an element to Hex 0DE4CD 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
#0DE4CD }
```

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

```
.border{ border-color:#0DE4CD }
```

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

Here you see how a box with a 4 pixel #0DE4CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DE4CD; -webkit-box-shadow:4px 4px  
4px 4px #0DE4CD; box-shadow:4px 4px 4px  
4px #0DE4CD }
```

Background

The CSS property to change the background color of an element to Hex 0DE4CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DE4CD }
```

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

```
.background{ background-color:#0DE4CD }
```

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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