

Converting Colors

Hex(0DE6E6)

Have a look what the booklet for
Hex(0DE6E6) contains.

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Color

Hex(0DE6E6)

Conversions

Conversions Part 1

Format	Color
Hex	0DE6E6
RGB	13, 230, 230
RGB Percent	5%, 90%, 90%
CMY	0.9490, 0.0980, 0.0980
CMYK	0.94, 0.00, 0.00, 0.10
HSL	180°, 89%, 48%
HSV	180°, 94%, 90%
XYZ	42.7457, 62.3924, 84.6529
YIQ	165.1170, -129.3320, -46.0040

Conversions

Conversions Part 2

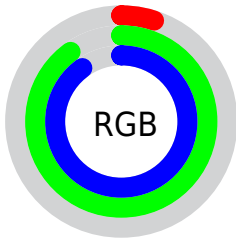
Format	Color
RYB	13, 122, 230
Decimal	911078
CIELab	83.12, -44.17, -13.00
CIELCh	83, 46.044, 196.405
Yxy	62.3924, 0.2252, 0.3287
Android (android.graphics.Color)	4279101158 (0xFF0DE6E6)
YUV	165.1170, 31.9873, -133.4066
Hunter-Lab	78.9888, -41.6331, -8.2493

Details

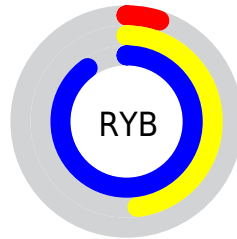
The Hex color **0DE6E6** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **E60D0D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **74FFFF**, and **00AEAF** is the 20% darker color. If you saturate the color by 10%, you get **00E6E6**, and if you desaturate by 10%, it is **24E6E6**.

Distribution



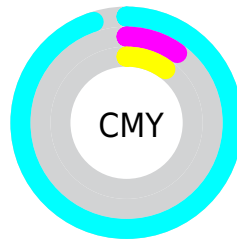
- Red (5%)
- Green (90%)
- Blue (90%)



- Red (5%)
- Yellow (48%)
- Blue (90%)



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



- Cyan (95%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DE6E6 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 0DE6E6 by changing the saturation by 10% instead.

 0DE6E6

 0DE6E6


FFFFFF

 00C9CA

 74FFFF

 00AEAF

 96FFFF

 009294

 B7FFFF

 00787A

 D7FFFF

 005E61

 F7FFFF

 00464A

 002F33

 00141E

 000003

 0DE6E6

 0DE6E6

 00E6E6

 24E6E6

 3BE6E6

 52E6E6

 69E6E6

 80E6E6

 97E6E6

 AEE6E6

 C5E6E6

 DCE6E6

Harmonies

Analogous

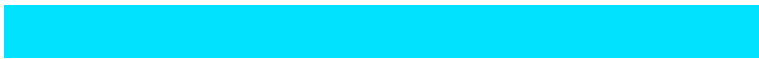
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69E5B9



0DE6E6



00E2FF

Triad

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



0DE6E6



F2BBFF



FCC67B

Complementary

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



0DE6E6



E60D0D

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.



FFB792



0DE6E6



FFAFE5

Square

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



0DE6E6



B6CBFF



FFAEB9



D3D47A

Rectangle

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



0DE6E6



4ADDFE



FFAEB9



FFC180

Sweetspot

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



0DE6E6



B8FFFF



0DE60D



548080



000000



808080

Same Dimension

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



0DE6E6



00FFFF



0D7AE6



677373



00B3B3



003333

Inverse Universe

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



E60DE6



FF00FF



E67A0D



736773



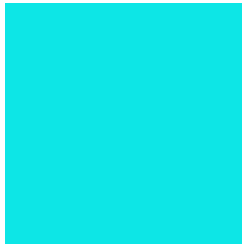
B300B3



330033

Previews

White Background



This preview shows how the Hex color 0DE6E6 looks on a white background.

Color Contrast Check

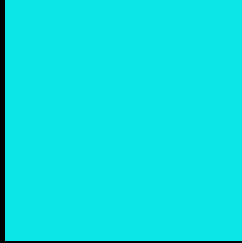
Large Text (above 18pt) WCAG AA × Fail

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 0DE6E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

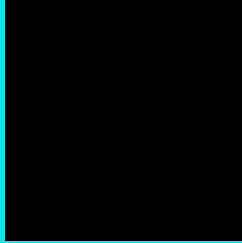
Any Text WCAG AA ✓ Pass

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 0DE6E6 Background



This preview shows how black text looks on a background with the Hex color 0DE6E6.

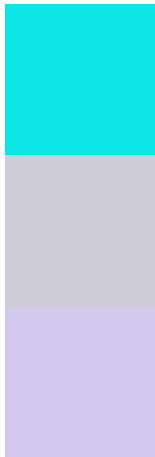


This preview shows how white text looks on a background with the Hex color 0DE6E6.

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](#).

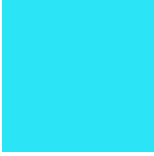
Dichromacy



Original Color
0DE6E6

Protanopia
CECCD6

Deuteranopia
D2C8ED



Tritanopia
2BE4F6

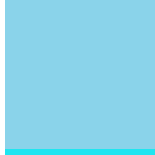
Trichromacy



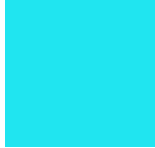
Original Color
0DE6E6



Protanomaly
88D5DC



Deuteranomaly
8AD3EA



Tritanomaly
20E5F0

Monochromacy



Original Color
0DE6E6



Achromatopsia
A5A5A5



Achromatomaly
6EBDBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DE6E6 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 #0DE6E6 looks like.

```
.text, #text, p{  
    color:#0DE6E6  
}
```

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 #0DE6E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DE6E6
}
```

Border

The CSS property to change the border of an element to Hex 0DE6E6 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
#0DE6E6 }
```

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

```
.border{ border-color:#0DE6E6 }
```

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

Here you see how a box with a 4 pixel #0DE6E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DE6E6; -webkit-box-shadow:4px 4px  
4px 4px #0DE6E6; box-shadow:4px 4px 4px  
4px #0DE6E6 }
```

Background

The CSS property to change the background color of an element to Hex 0DE6E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DE6E6 }
```

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

```
.background{ background-color:#0DE6E6 }
```

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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