

Converting Colors

Hex(00E0DE)

Have a look what the booklet for
Hex(00E0DE) contains.

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Color

Hex(00E0DE)

Conversions

Conversions Part 1

Format	Color
Hex	00E0DE
RGB	0, 224, 222
RGB Percent	0%, 88%, 87%
CMY	1.0000, 0.1216, 0.1294
CMYK	1.00, 0.00, 0.01, 0.12
HSL	179°, 100%, 44%
HSV	179°, 100%, 88%
XYZ	39.8405, 58.5852, 78.3155
YIQ	156.7960, -132.8620, -48.1100

Conversions

Conversions Part 2

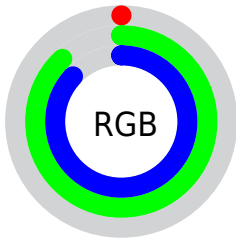
Format	Color
RYB	0, 113, 224
Decimal	57566
CIELab	81.06, -44.18, -11.84
CIELCh	81, 45.740, 195.008
Yxy	58.5852, 0.2254, 0.3315
Android (android.graphics.Color)	4278247646 (0xFF00E0DE)
YUV	156.7960, 32.1456, -137.5101
Hunter-Lab	76.5410, -41.0354, -7.0859

Details

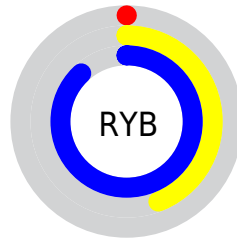
The Hex color **00E0DE** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E00002**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **70FFFF**, and **00A8A7** is the 20% darker color. If you saturate the color by 10%, you get **00E0DE**, and if you desaturate by 10%, it is **16E0DE**.

Distribution



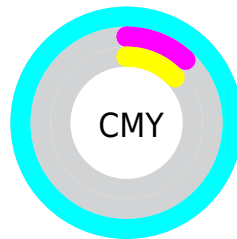
- Red (0%)
- Green (88%)
- Blue (87%)



- Red (0%)
- Yellow (44%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E0DE 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 00E0DE by changing the saturation by 10% instead.

 00E0DE

 00E0DE

FFFFFF

 00C4C2

 70FFFF

 00A8A7

 92FFFF

 008D8D

 B3FFFF

 007373

 D3FFFF

 00595B

 F3FFFF

 004143

 002B2D

 000919

 000000

 00E0DE

 16E0DE

 2DE0DE

 43E0DF

 5AE0DF

 70E0DF

 86E0DF

 9DE0DF

 B3E0E0

 CAE0E0

Harmonies

Analogous

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



67DFB2



00E0DE



00DDFF

Triad

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



00E0DE



E9B6FF



F8BF77

Complementary

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



00E0DE



E00002

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.



FFB18F



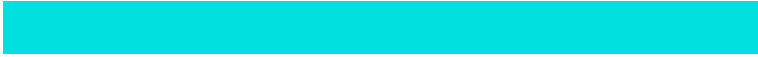
00E0DE



FFAAE1

Square

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



00E0DE



ADC6FF



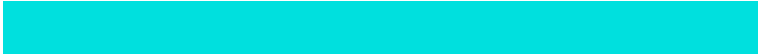
FFA8B5



D0CE75

Rectangle

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



00E0DE



3ED7FF



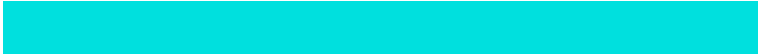
FFA8B5



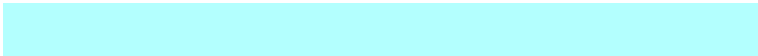
FFBA7C

Sweetspot

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



00E0DE



B3FFFE



04E000



52807F



000000



808080

Same Dimension

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



00E0DE



00FFFD



0074E0



657070



00B0AE



003030

Inverse Universe

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



E00002



FF0002



E06C00



706565



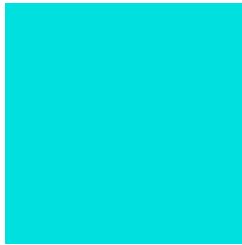
B00002



300000

Previews

White Background



This preview shows how the Hex color 00E0DE looks on a white background.

Color Contrast Check

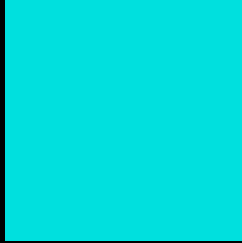
Large Text (above 18pt) WCAG AA × Fail

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 00E0DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

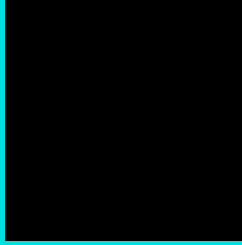
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

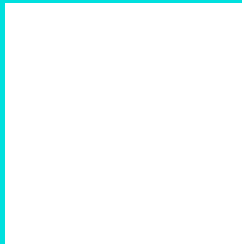
Any Text WCAG AAA ✓ Pass

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

Hex 00E0DE Background



This preview shows how black text looks on a background with the Hex color 00E0DE.

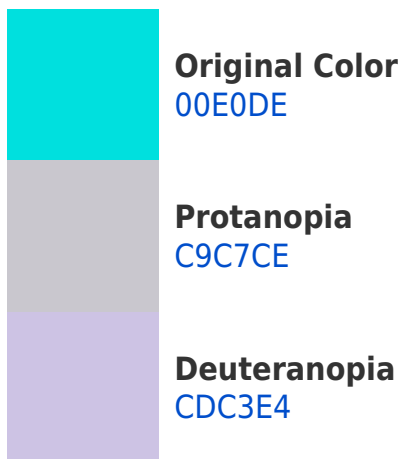


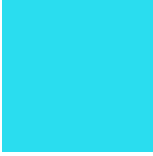
This preview shows how white text looks on a background with the Hex color 00E0DE.

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





Trichromacy



Original Color
00E0DE



Protanomaly
80D0D4



Deuteranomaly
82CEE2

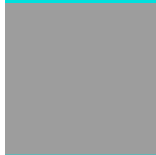


Tritanomaly
1BDEE9

Monochromacy



Original Color
00E0DE



Achromatopsia
9D9D9D



Achromatomaly
64B5B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E0DE 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 #00E0DE looks like.

```
.text, #text, p{  
    color:#00E0DE  
}
```

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 #00E0DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E0DE
}
```

Border

The CSS property to change the border of an element to Hex 00E0DE 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
#00E0DE }
```

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

```
.border{ border-color:#00E0DE }
```

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

Here you see how a box with a 4 pixel #00E0DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E0DE; -webkit-box-shadow:4px 4px  
4px 4px #00E0DE; box-shadow:4px 4px 4px  
4px #00E0DE }
```

Background

The CSS property to change the background color of an element to Hex 00E0DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E0DE }
```

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

```
.background{ background-color:#00E0DE }
```

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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