

Converting Colors

Hex(00E0DF)

Have a look what the booklet for
Hex(00E0DF) contains.

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Color

Hex(00E0DF)

Conversions

Conversions Part 1

Format	Color
Hex	00E0DF
RGB	0, 224, 223
RGB Percent	0%, 88%, 87%
CMY	1.0000, 0.1216, 0.1255
CMYK	1.00, 0.00, 0.00, 0.12
HSL	180°, 100%, 44%
HSV	180°, 100%, 88%
XYZ	39.9749, 58.6390, 79.0236
YIQ	156.9100, -133.1830, -47.7990

Conversions

Conversions Part 2

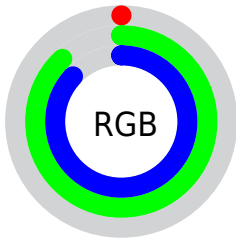
Format	Color
RYB	0, 112, 224
Decimal	57567
CIELab	81.09, -43.89, -12.33
CIELCh	81, 45.587, 195.695
Yxy	58.6390, 0.2250, 0.3301
Android (android.graphics.Color)	4278247647 (0xFF00E0DF)
YUV	156.9100, 32.5824, -137.6101
Hunter-Lab	76.5761, -40.8261, -7.5817

Details

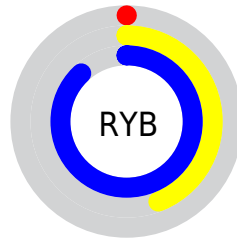
The Hex color **00E0DF** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E00001**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **70FFFF**, and **00A8A8** is the 20% darker color. If you saturate the color by 10%, you get **00E0DF**, and if you desaturate by 10%, it is **16E0DF**.

Distribution



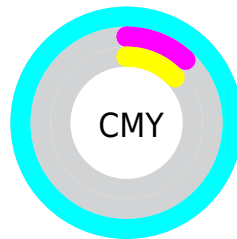
- Red (0%)
- Green (88%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00E0DF 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 00E0DF by changing the saturation by 10% instead.

 00E0DF

 00E0DF

FFFFFF

 00C4C3

 70FFFF

 00A8A8

 93FFFF

 008D8E

 B3FFFF

 007374

 D3FFFF

 00595B

 F3FFFF

 004144

 002B2E

 00091A

 000000

 00E0DF

 16E0DF

 2DE0DF

 43E0DF

 5AE0DF

 70E0E0

 86E0E0

 9DE0E0

 B3E0E0

 CAE0E0

Harmonies

Analogous

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



66DFB3



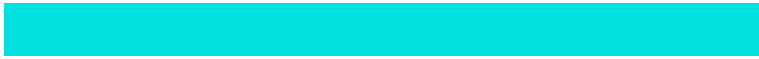
00E0DF



00DCFF

Triad

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



00E0DF



EAB6FF



F7C077

Complementary

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



00E0DF



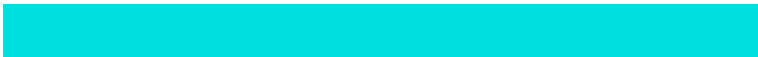
E00001

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.



FFB18E



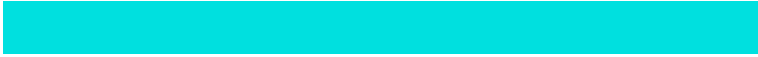
00E0DF



FFAAE0

Square

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



00E0DF



AFC6FF



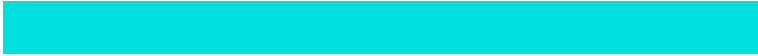
FFA8B4



CFCE76

Rectangle

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



00E0DF



41D7FF



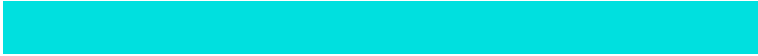
FFA8B4



FFBB7C

Sweetspot

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



00E0DF



B3FFFF



04E000



52807F



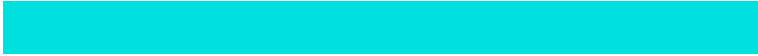
000000



808080

Same Dimension

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



00E0DF



00FFFE



0074E0



657070



00B0AF



003030

Inverse Universe

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



E00001



FF0001



E06C00



706565



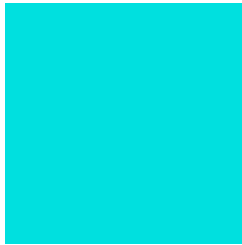
B00001



300000

Previews

White Background



This preview shows how the Hex color 00E0DF looks on a white background.

Color Contrast Check

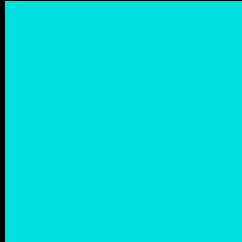
Large Text (above 18pt) WCAG AA × Fail

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 00E0DF 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 00E0DF Background



This preview shows how black text looks on a background with the Hex color 00E0DF.

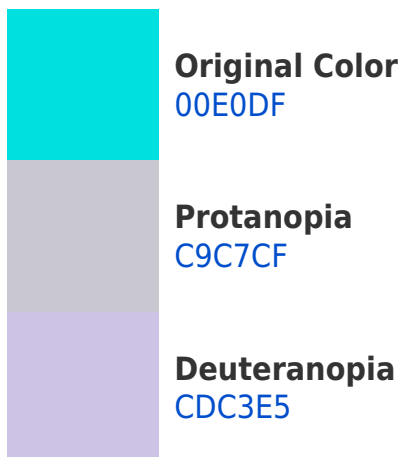


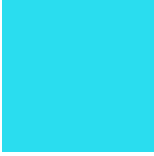
This preview shows how white text looks on a background with the Hex color 00E0DF.

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
2ADDEF

Trichromacy



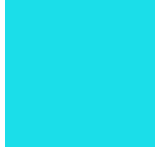
Original Color
00E0DF



Protanomaly
80D0D5



Deuteranomaly
82CEE3



Tritanomaly
1BDEE9

Monochromacy



Original Color
00E0DF



Achromatopsia
9D9D9D



Achromatomaly
64B5B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E0DF 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 #00E0DF looks like.

```
.text, #text, p{  
    color:#00E0DF  
}
```

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 #00E0DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E0DF
}
```

Border

The CSS property to change the border of an element to Hex 00E0DF 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
#00E0DF }
```

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

```
.border{ border-color:#00E0DF }
```

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

Here you see how a box with a 4 pixel #00E0DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E0DF; -webkit-box-shadow:4px 4px  
4px 4px #00E0DF; box-shadow:4px 4px 4px  
4px #00E0DF }
```

Background

The CSS property to change the background color of an element to Hex 00E0DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E0DF }
```

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

```
.background{ background-color:#00E0DF }
```

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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