

Converting Colors

Hex(00E8DC)

Have a look what the booklet for
Hex(00E8DC) contains.

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Color

Hex(00E8DC)

Conversions

Conversions Part 1

Format	Color
Hex	00E8DC
RGB	0, 232, 220
RGB Percent	0%, 91%, 86%
CMY	1.0000, 0.0902, 0.1373
CMYK	1.00, 0.00, 0.05, 0.09
HSL	177°, 100%, 45%
HSV	177°, 100%, 91%
XYZ	41.7749, 62.8805, 77.6455
YIQ	161.2640, -134.4200, -52.9160

Conversions

Conversions Part 2

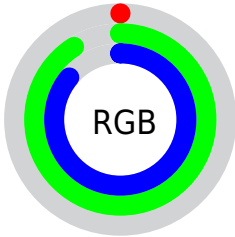
Format	Color
RYB	0, 119, 232
Decimal	59612
CIELab	83.38, -48.20, -7.34
CIELCh	83, 48.759, 188.656
Yxy	62.8805, 0.2292, 0.3449
Android (android.graphics.Color)	4278249692 (0xFF00E8DC)
YUV	161.2640, 28.9568, -141.4285
Hunter-Lab	79.2972, -44.7339, -2.5470

Details

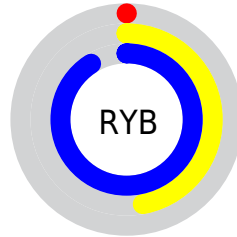
The Hex color **00E8DC** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **E8000C**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **71FFFF**, and **00AFA5** is the 20% darker color. If you saturate the color by 10%, you get **00E8DC**, and if you desaturate by 10%, it is **17E8DD**.

Distribution



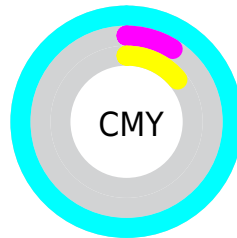
- Red (0%)
- Green (91%)
- Blue (86%)



- Red (0%)
- Yellow (47%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E8DC 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 00E8DC by changing the saturation by 10% instead.

 00E8DC

 00E8DC

FFFFFF

 00CBC0

 71FFFF

 00AFA5

 94FFFF

 00948B

 B5FFFF

 007A71

 D5FFFF

 006059

 F5FFFF

 004742

 00302C

 001518

 000000

 00E8DC

 17E8DD

 2EE8DE

 46E8E0

 5DE8E1

 74E8E2

 8BE8E3

 A2E8E4

 BAE8E6

 D1E8E7

Harmonies

Analogous

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



73E5AD



00E8DC



00E6FF

Triad

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



00E8DC



E6BFFF



FFC27B

Complementary

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



00E8DC



E8000C

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.



FFB299



00E8DC



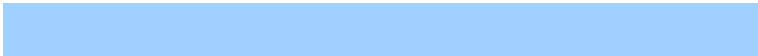
FFB0F2

Square

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



00E8DC



A0D0FF



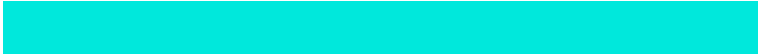
FFABC4



E0D173

Rectangle

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



00E8DC



00E1FF



FFABC4



FFBC83

Sweetspot

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



00E8DC



B3FFFB



0FE800



52807D



000000



808080

Same Dimension

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



00E8DC



00FFF2



0083E8



677372



00B3A9



003330

Inverse Universe

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



E8000C



FF000D



E86500



736768



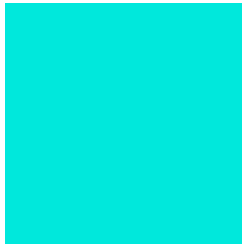
B30009



330003

Previews

White Background



This preview shows how the Hex color 00E8DC looks on a white background.

Color Contrast Check

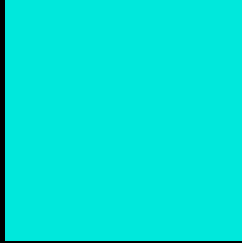
Large Text (above 18pt) WCAG AA × Fail

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 00E8DC 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

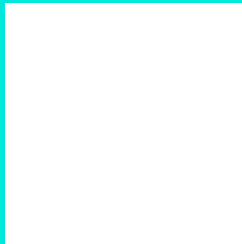
Any Text WCAG AAA ✓ Pass

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

Hex 00E8DC Background



This preview shows how black text looks on a background with the Hex color 00E8DC.



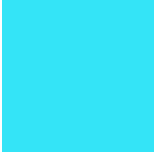
This preview shows how white text looks on a background with the Hex color 00E8DC.

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
34E4F7

Trichromacy



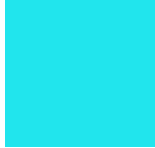
Original Color
00E8DC



Protanomaly
86D7D2



Deuteranomaly
89D4E0



Tritanomaly
21E5ED

Monochromacy



Original Color
00E8DC



Achromatopsia
A1A1A1



Achromatomaly
66BBB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E8DC 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 #00E8DC looks like.

```
.text, #text, p{  
    color:#00E8DC  
}
```

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 #00E8DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E8DC
}
```

Border

The CSS property to change the border of an element to Hex 00E8DC 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
#00E8DC }
```

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

```
.border{ border-color:#00E8DC }
```

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

Here you see how a box with a 4 pixel #00E8DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E8DC; -webkit-box-shadow:4px 4px  
4px 4px #00E8DC; box-shadow:4px 4px 4px  
4px #00E8DC }
```

Background

The CSS property to change the background color of an element to Hex 00E8DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E8DC }
```

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

```
.background{ background-color:#00E8DC }
```

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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