

# Converting Colors

Hex(00E6DC)

Have a look what the booklet for  
Hex(00E6DC) contains.

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# Color

Hex(00E6DC)

# Conversions

## Conversions Part 1

Format	Color
Hex	00E6DC
RGB	0, 230, 220
RGB Percent	0%, 90%, 86%
CMY	1.0000, 0.0980, 0.1373
CMYK	1.00, 0.00, 0.04, 0.10
HSL	177°, 100%, 45%
HSV	177°, 100%, 90%
XYZ	41.2151, 61.7609, 77.4589
YIQ	160.0900, -133.8700, -51.8700

# Conversions

## Conversions Part 2

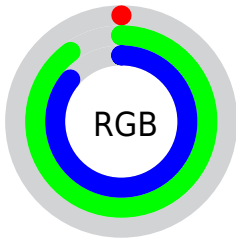
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 118, 230
Decimal	59100
CIELab	82.79, -47.35, -8.22
CIELCh	83, 48.060, 189.846
Yxy	61.7609, 0.2284, 0.3423
Android (android.graphics.Color)	4278249180 (0xFF00E6DC)
YUV	160.0900, 29.5356, -140.3989
Hunter-Lab	78.5881, -43.9159, -3.4264

# Details

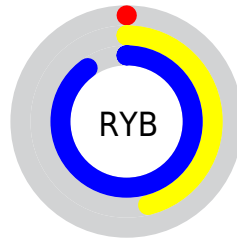
The Hex color **00E6DC** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **E6000A**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **71FFFF**, and **00AEA5** is the 20% darker color. If you saturate the color by 10%, you get **00E6DC**, and if you desaturate by 10%, it is **17E6DD**.

# Distribution



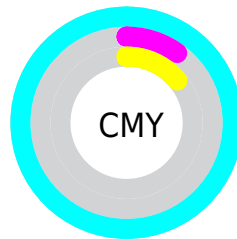
- Red (0%)
- Green (90%)
- Blue (86%)



- Red (0%)
- Yellow (46%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E6DC 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 00E6DC by changing the saturation by 10% instead.



 00E6DC

 00E6DC


FFFFFF

 00C9C0

 71FFFF

 00AEA5

 93FFFF

 00928B

 B4FFFF

 007871

 D4FFFF

 005E59

 F4FFFF

 004542

 002F2C

 001218

 000000

 00E6DC

 17E6DD

 2EE6DE

 45E6DF

 5CE6E0

 73E6E1

 8AE6E2

 A1E6E3

 B8E6E4

 CFE6E5

# Harmonies

## Analogous

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



70E4AD



00E6DC



00E3FF

# Triad

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



00E6DC



E6BDFE



FFC17A

# Complementary

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



00E6DC



E6000A

# 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.



FFB296



00E6DC



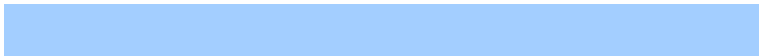
FFAFEE

# Square

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



00E6DC



A3CEFF



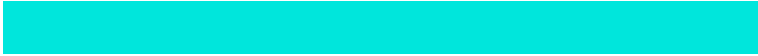
FFAAC1



DCD073

# Rectangle

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



00E6DC



06DFFF



FFAAC1



FFBB81

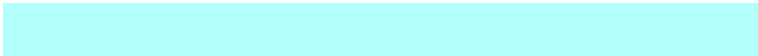


# Sweetspot

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



00E6DC



B3FFFC



0BE600



52807E



000000



808080



# Same Dimension

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



00E6DC



00FFF4



007FE6



677372



00B3AB



003331



# Inverse Universe

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



E6000A



FF000B



E66700



736768



B30008

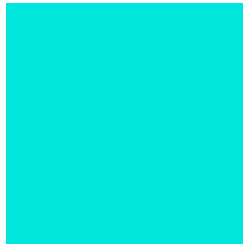


330002



# Previews

## White Background



This preview shows how the Hex color 00E6DC looks on a white background.

## Color Contrast Check

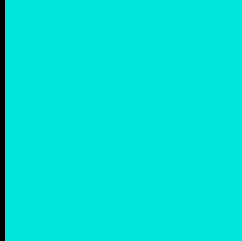
Large Text (above 18pt) WCAG AA × Fail

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 00E6DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

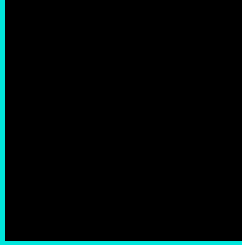
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00E6DC Background



This preview shows how black text looks on a background with the Hex color 00E6DC.

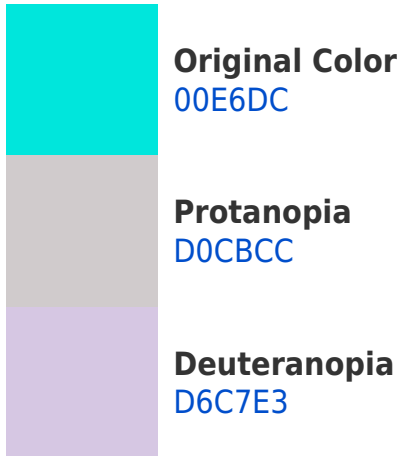


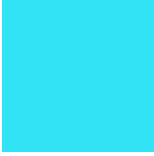
This preview shows how white text looks on a background with the Hex color 00E6DC.

# 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**  
32E2F5

# Trichromacy



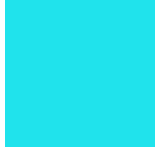
**Original Color**  
00E6DC



**Protanomaly**  
84D5D2



**Deuteranomaly**  
88D2E0



**Tritanomaly**  
20E3EC

# Monochromacy



**Original Color**  
00E6DC



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
66B9B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E6DC 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 #00E6DC looks like.

```
.text, #text, p{  
    color:#00E6DC  
}
```

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 #00E6DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E6DC
}
```

## Border

The CSS property to change the border of an element to Hex 00E6DC 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
#00E6DC }
```

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

```
.border{ border-color:#00E6DC }
```

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

Here you see how a box with a 4 pixel #00E6DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E6DC; -webkit-box-shadow:4px 4px  
4px 4px #00E6DC; box-shadow:4px 4px 4px  
4px #00E6DC }
```

# Background

The CSS property to change the background color of an element to Hex 00E6DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E6DC }
```

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

```
.background{ background-color:#00E6DC }
```

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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