

# Converting Colors

Hex(00E2EB)

Have a look what the booklet for  
Hex(00E2EB) contains.

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**Color**

**Hex(00E2EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E2EB
RGB	0, 226, 235
RGB Percent	0%, 89%, 92%
CMY	1.0000, 0.1137, 0.0784
CMYK	1.00, 0.04, 0.00, 0.08
HSL	182°, 100%, 46%
HSV	182°, 100%, 92%
XYZ	42.1918, 60.3909, 88.0301
YIQ	159.4520, -137.5850, -45.1130

# Conversions

## Conversions Part 2

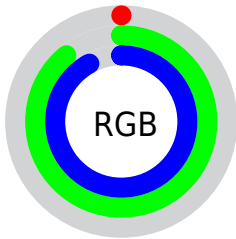
Format	Color
<a href="#">RYB</a>	<a href="#">0, 115, 235</a>
Decimal	<a href="#">58091</a>
CIELab	<a href="#">82.05, -41.21, -17.27</a>
CIELCh	<a href="#">82, 44.684, 202.730</a>
Yxy	<a href="#">60.3909, 0.2213, 0.3168</a>
Android (android.graphics.Color)	<a href="#">4278248171 (0xFF00E2EB)</a>
YUV	<a href="#">159.4520, 37.2452, -139.8394</a>
Hunter-Lab	<a href="#">77.7116, -39.0827, -12.7644</a>

# Details

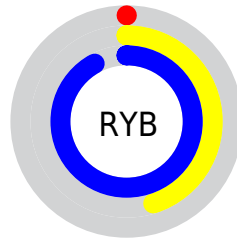
The Hex color **00E2EB** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **EB0900**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **72FFFF**, and **00AAB3** is the 20% darker color. If you saturate the color by 10%, you get **00E2EB**, and if you desaturate by 10%, it is **17E3EB**.

# Distribution



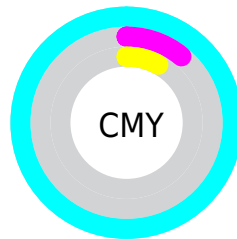
- Red (0%)
- Green (89%)
- Blue (92%)



- Red (0%)
- Yellow (45%)
- Blue (92%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (11%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E2EB 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 00E2EB by changing the saturation by 10% instead.



 00E2EB

 00E2EB

FFFFFF

 00C6CF

 72FFFF

 00AAB3

 95FFFF

 008F99

 B6FFFF

 00757F

 D6FFFF

 005B66

 F6FFFF

 00434E

 002C37

 000F22

 000009

 00E2EB

 17E3EB

 2FE4EB

 47E5EB

 5EE6EB

 76E6EB

 8DE7EB

 A4E8EB

 BCE9EB

 D3EAEB

# Harmonies

## Analogous

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



5DE2C0



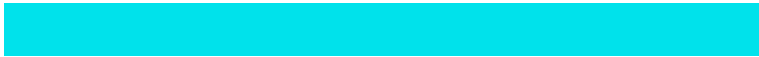
00E2EB



21DDFF

# Triad

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



00E2EB



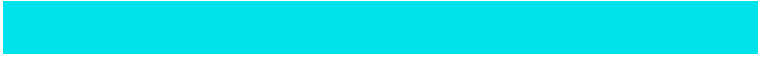
F7B6FF



F1C678

# Complementary

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



00E2EB



EB0900

# 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.



FFB78B



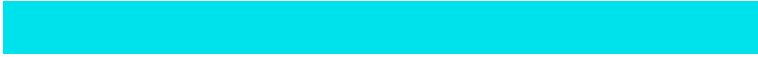
00E2EB



FFACD8

# Square

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



00E2EB



C2C5FF



FFADA E



C7D37D

# Rectangle

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



00E2EB



60D7FF



FFADAE

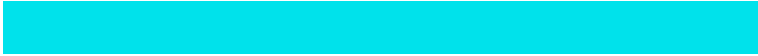


FCC17C



# Sweetspot

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



00E2EB



B3FCFF



00EB08



527E80



000000



808080



# Same Dimension

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



00E2EB



00F5FF



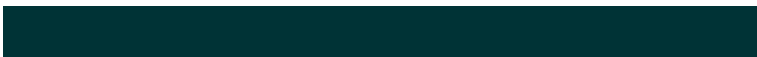
006EEB



6A7575



00AEB5



003336



# Inverse Universe

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



EB00E2



FF00F5



EB7D00



756A75



B500AE

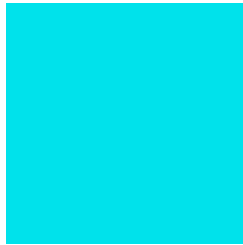


360033



# Previews

## White Background



This preview shows how the Hex color 00E2EB looks on a white background.

## Color Contrast Check

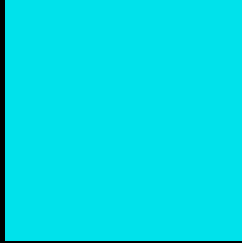
Large Text (above 18pt) WCAG AA × Fail

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 00E2EB 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 00E2EB Background



This preview shows how black text looks on a background with the Hex color 00E2EB.

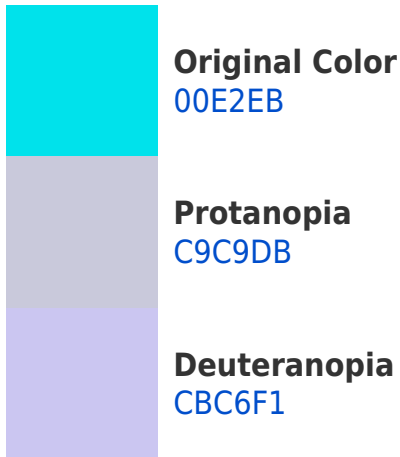


This preview shows how white text looks on a background with the Hex color 00E2EB.

# 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



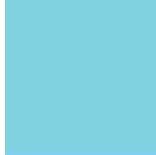


**Tritanopia**  
1EE1F3

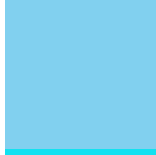
# Trichromacy



**Original Color**  
00E2EB



**Protanomaly**  
80D2E1



**Deuteranomaly**  
81D0EF

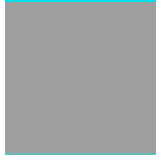


**Tritanomaly**  
13E1F0

# Monochromacy



**Original Color**  
00E2EB



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
65B7BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E2EB 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 #00E2EB looks like.

```
.text, #text, p{  
    color:#00E2EB  
}
```

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 #00E2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E2EB
}
```

## Border

The CSS property to change the border of an element to Hex 00E2EB 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
#00E2EB }
```

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

```
.border{ border-color:#00E2EB }
```

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

Here you see how a box with a 4 pixel #00E2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E2EB; -webkit-box-shadow:4px 4px  
4px 4px #00E2EB; box-shadow:4px 4px 4px  
4px #00E2EB }
```

# Background

The CSS property to change the background color of an element to Hex 00E2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E2EB }
```

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

```
.background{ background-color:#00E2EB }
```

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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