

Converting Colors

Hex(00EDE9)

Have a look what the booklet for
Hex(00EDE9) contains.

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Color

Hex(00EDE9)

Conversions

Conversions Part 1

Format	Color
Hex	00EDE9
RGB	0, 237, 233
RGB Percent	0%, 93%, 91%
CMY	1.0000, 0.0706, 0.0863
CMYK	1.00, 0.00, 0.02, 0.07
HSL	179°, 100%, 46%
HSV	179°, 100%, 93%
XYZ	44.9922, 66.4516, 87.5459
YIQ	165.6810, -139.9680, -51.4880

Conversions

Conversions Part 2

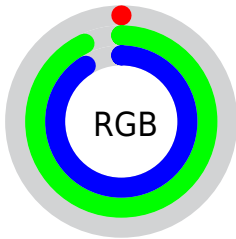
Format	Color
RYB	0, 120, 237
Decimal	60905
CIELab	85.23, -46.64, -11.45
CIELCh	85, 48.029, 193.789
Yxy	66.4516, 0.2261, 0.3339
Android (android.graphics.Color)	4278250985 (0xFF00EDE9)
YUV	165.6810, 33.1883, -145.3022
Hunter-Lab	81.5178, -44.1366, -6.6119

Details

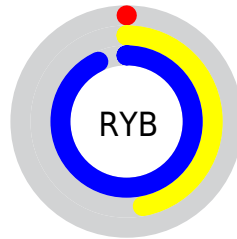
The Hex color **00EDE9** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **ED0004**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **74FFFF**, and **00B4B1** is the 20% darker color. If you saturate the color by 10%, you get **00EDE9**, and if you desaturate by 10%, it is **18EDE9**.

Distribution



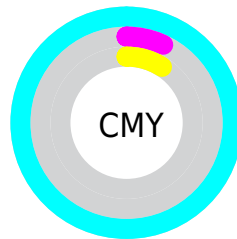
- Red (0%)
- Green (93%)
- Blue (91%)



- Red (0%)
- Yellow (47%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EDE9 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 00EDE9 by changing the saturation by 10% instead.

 00EDE9

 00EDE9

FFFFFF

 00DOCD

 74FFFF

 00B4B1

 97FFFF

 009997

 B8FFFF

 007E7D

 D8FFFF

 006464

 F8FFFF

 004B4C

 003336

 001C20

 000008

 00EDE9

 18EDE9

 2FEDEA

 47EDEA

 5FEDEB

 76EDEB

 8EEDEB

 A6EDEC

 BEEDEC

 D5EDED

Harmonies

Analogous

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



6FEBBA



00EDE9



00EAFF

Triad

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



00EDE9



F4C1FF



FFCA7E

Complementary

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



00EDE9



ED0004

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.



FFBA98



00EDE9



FFB4EF

Square

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



00EDE9



B4D2FF



FFB1C1



DDD97B

Rectangle

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



00EDE9



3AE4FF



FFB1C1



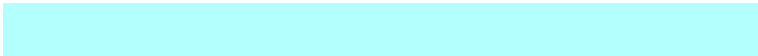
FFC484

Sweetspot

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



00EDE9



B3FFFE



08ED00



52807F



000000



808080

Same Dimension

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



00EDE9



00FFFB



007EED



6A7575



00B5B2



003635

Inverse Universe

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



ED0004



FF0004



ED6F00



756A6A



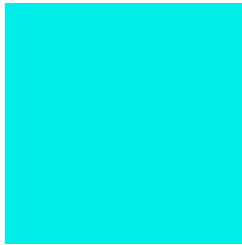
B50003



360001

Previews

White Background



This preview shows how the Hex color 00EDE9 looks on a white background.

Color Contrast Check

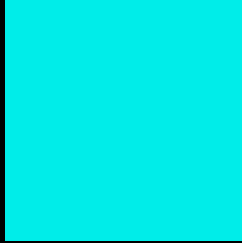
Large Text (above 18pt) WCAG AA × Fail

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 00EDE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

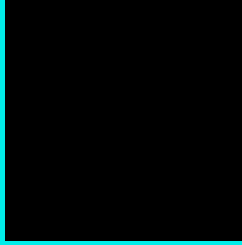
Any Text WCAG AA ✓ Pass

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 00EDE9 Background



This preview shows how black text looks on a background with the Hex color 00EDE9.

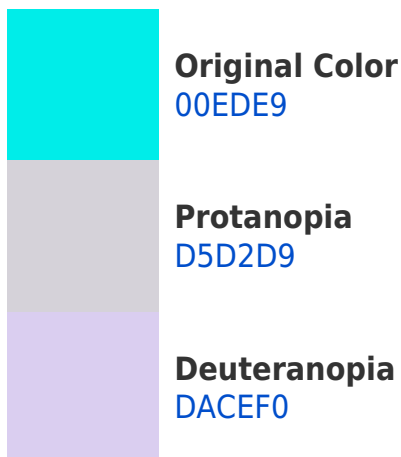


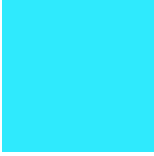
This preview shows how white text looks on a background with the Hex color 00EDE9.

Color Blindness Simulation

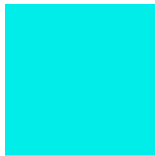
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



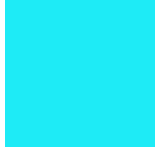
Original Color
00EDE9



Protanomaly
88DCDF



Deuteranomaly
8BD9ED



Tritanomaly
1EEBF6

Monochromacy



Original Color
00EDE9



Achromatopsia
A6A6A6



Achromatomaly
6AC0BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EDE9 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 #00EDE9 looks like.

```
.text, #text, p{  
    color:#00EDE9  
}
```

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 #00EDE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EDE9
}
```

Border

The CSS property to change the border of an element to Hex 00EDE9 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
#00EDE9 }
```

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

```
.border{ border-color:#00EDE9 }
```

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

Here you see how a box with a 4 pixel #00EDE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EDE9; -webkit-box-shadow:4px 4px  
4px 4px #00EDE9; box-shadow:4px 4px 4px  
4px #00EDE9 }
```

Background

The CSS property to change the background color of an element to Hex 00EDE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EDE9 }
```

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

```
.background{ background-color:#00EDE9 }
```

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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