

# Converting Colors

Hex(00EED2)

Have a look what the booklet for  
Hex(00EED2) contains.

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# Color

**Hex(00EED2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EED2
RGB	0, 238, 210
RGB Percent	0%, 93%, 82%
CMY	1.0000, 0.0667, 0.1765
CMYK	1.00, 0.00, 0.12, 0.07
HSL	173°, 100%, 47%
HSV	173°, 100%, 93%
XYZ	42.2074, 65.8022, 71.4493
YIQ	163.6460, -132.8600, -59.1640

# Conversions

## Conversions Part 2

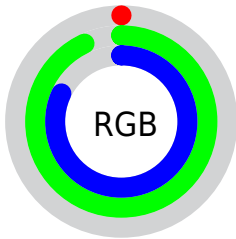
Format	Color
<a href="#">RYB</a>	<a href="#">0, 126, 238</a>
Decimal	<a href="#">61138</a>
CIELab	<a href="#">84.90, -53.43, 0.16</a>
CIELCh	<a href="#">85, 53.430, 179.828</a>
Yxy	<a href="#">65.8022, 0.2352, 0.3667</a>
Android (android.graphics.Color)	<a href="#">4278251218</a> ( <a href="#">0xFF00EED2</a> )
YUV	<a href="#">163.6460, 22.8525, -143.5175</a>
Hunter-Lab	<a href="#">81.1186, -49.0808, 4.5603</a>

# Details

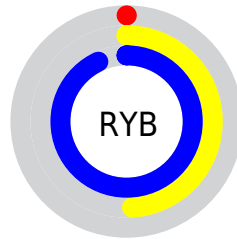
The Hex color **00EED2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **EE001C**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **72FFFF**, and **00B59C** is the 20% darker color. If you saturate the color by 10%, you get **00EED2**, and if you desaturate by 10%, it is **18EED5**.

# Distribution



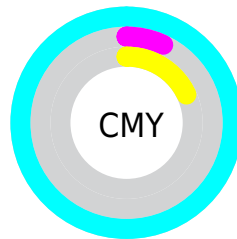
- Red (0%)
- Green (93%)
- Blue (82%)



- Red (0%)
- Yellow (49%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00EED2 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 00EED2 by changing the saturation by 10% instead.



 00EED2

FFFFFF

 72FFFF

 94FFFF

 B5FFFF

 D5FFFF

 F5FFFF

 00EED2

 00D1B6

 00B59C

 009982

 007F69

 006451

 004B3A

 003424

 001A10

 000000

 00EED2

 18EED5

 30EED8

 47EEDA

 5FEEDD

 77EEE0

 8FEEE3

 A7EEE6

 BEEEE8

 D6EEEB

# Harmonies

## Analogous

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



81EA9F



00EED2



00EDFF

# Triad

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



00EED2



D8C7FF



FFBF7E

# Complementary

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



00EED2



EE001C

# 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.



FFAFA4



00EED2



FFB5FF

# Square

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



00EED2



80D9FF



FFABD6



F3D16D

# Rectangle

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



00EED2



00E9FF



FFABD6



FFB989

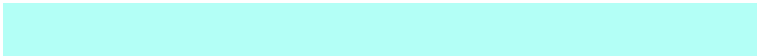


# Sweetspot

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



00EED2



B3FFF6



20EE00



52807A



000000



808080



# Same Dimension

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



00EED2



00FFE1



0097EE



6C7876



00B8A2



003832



# Inverse Universe

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



EE001C



FF001E



EE5700



786C6D



B80016

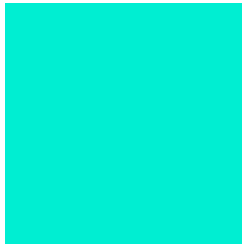


380007



# Previews

## White Background



This preview shows how the Hex color 00EED2 looks on a white background.

## Color Contrast Check

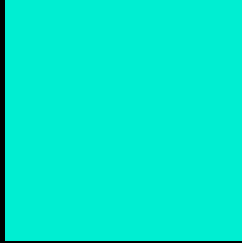
Large Text (above 18pt) WCAG AA × Fail

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 00EED2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

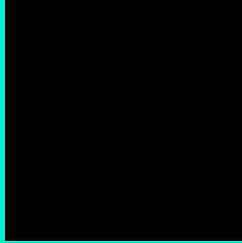
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00EED2 Background



This preview shows how black text looks on a background with the Hex color 00EED2.

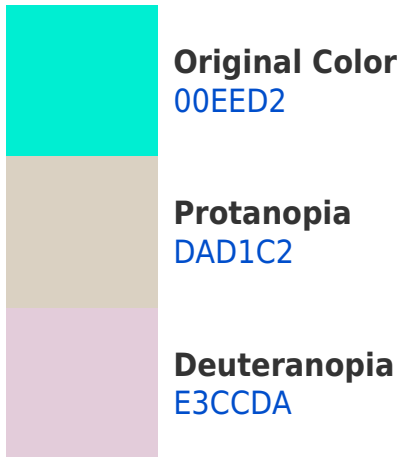


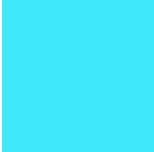
This preview shows how white text looks on a background with the Hex color 00EED2.

# 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



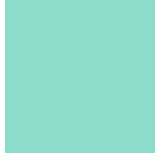


**Tritanopia**  
3FE8FB

# Trichromacy



**Original Color**  
00EED2



**Protanomaly**  
8BDCC8



**Deuteranomaly**  
90D8D7

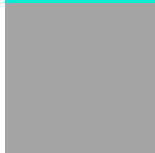


**Tritanomaly**  
28EAEC

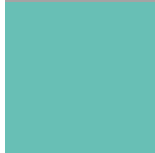
# Monochromacy



**Original Color**  
00EED2



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
68BFB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00EED2 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 #00EED2 looks like.

```
.text, #text, p{  
    color:#00EED2  
}
```

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 #00EED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EED2
}
```

## Border

The CSS property to change the border of an element to Hex 00EED2 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
#00EED2 }
```

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

```
.border{ border-color:#00EED2 }
```

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

Here you see how a box with a 4 pixel #00EED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EED2; -webkit-box-shadow:4px 4px  
4px 4px #00EED2; box-shadow:4px 4px 4px  
4px #00EED2 }
```

# Background

The CSS property to change the background color of an element to Hex 00EED2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EED2 }
```

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

```
.background{ background-color:#00EED2 }
```

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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