

Converting Colors

Hex(00E1E9)

Have a look what the booklet for
Hex(00E1E9) contains.

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Color

Hex(00E1E9)

Conversions

Conversions Part 1

Format	Color
Hex	00E1E9
RGB	0, 225, 233
RGB Percent	0%, 88%, 91%
CMY	1.0000, 0.1176, 0.0863
CMYK	1.00, 0.03, 0.00, 0.09
HSL	182°, 100%, 46%
HSV	182°, 100%, 91%
XYZ	41.6332, 59.7336, 86.4262
YIQ	158.6370, -136.6680, -45.2120

Conversions

Conversions Part 2

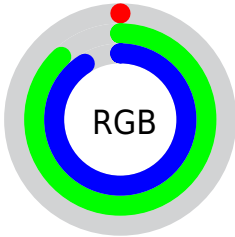
Format	Color
RYB	0, 114, 233
Decimal	57833
CIELab	81.69, -41.37, -16.74
CIELCh	82, 44.625, 202.036
Yxy	59.7336, 0.2217, 0.3181
Android (android.graphics.Color)	4278247913 (0xFF00E1E9)
YUV	158.6370, 36.6610, -139.1246
Hunter-Lab	77.2875, -39.0989, -12.1994

Details

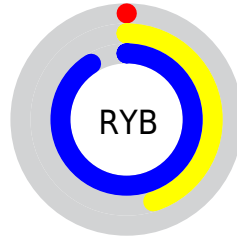
The Hex color **00E1E9** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E90800**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **72FFFF**, and **00A9B1** is the 20% darker color. If you saturate the color by 10%, you get **00E1E9**, and if you desaturate by 10%, it is **17E2E9**.

Distribution



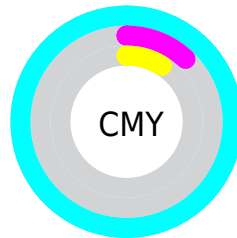
- Red (0%)
- Green (88%)
- Blue (91%)



- Red (0%)
- Yellow (45%)
- Blue (91%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E1E9 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 00E1E9 by changing the saturation by 10% instead.

 00E1E9

FFFFFF

 72FFFF

 94FFFF

 B5FFFF

 D5FFFF

 F5FFFF

 00E1E9

 00C5CD

 00A9B1

 008E97

 00747D

 005A64

 00424C

 002C35

 000D20

 000006

 00E1E9

 17E2E9

 2FE3E9

 46E3E9

 5DE4E9

 75E5E9

 8CE6E9

 A3E7E9

 BAE7E9

 D2E8E9

Harmonies

Analogous

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



5EE1BE



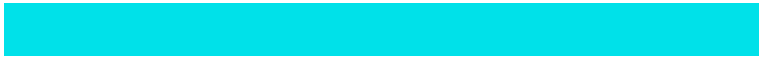
00E1E9



1CDCFF

Triad

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



00E1E9



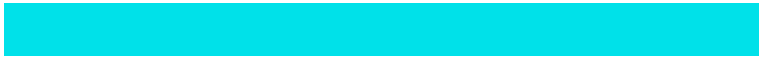
F5B5FF



F0C578

Complementary

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



00E1E9



E90800

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.



FFB68B



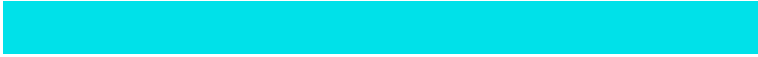
00E1E9



FFABD8

Square

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



00E1E9



BFC4FF



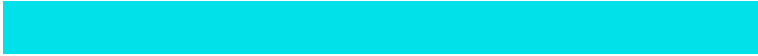
FFACAE



C7D27C

Rectangle

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



00E1E9



5DD6FF



FFACAE



FCC07C

Sweetspot

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



00E1E9



B3FCFF



00E908



527E80



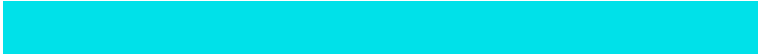
000000



808080

Same Dimension

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



00E1E9



00F6FF



006DE9



6A7575



00AFB5



003436

Inverse Universe

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



E900E1



FF00F6



E97C00



756A75



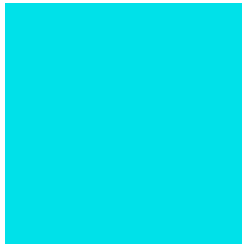
B500AF



360034

Previews

White Background



This preview shows how the Hex color 00E1E9 looks on a white background.

Color Contrast Check

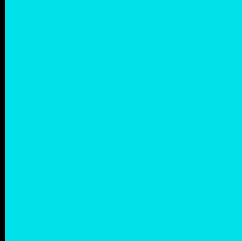
Large Text (above 18pt) WCAG AA × Fail

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 00E1E9 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 00E1E9 Background



This preview shows how black text looks on a background with the Hex color 00E1E9.

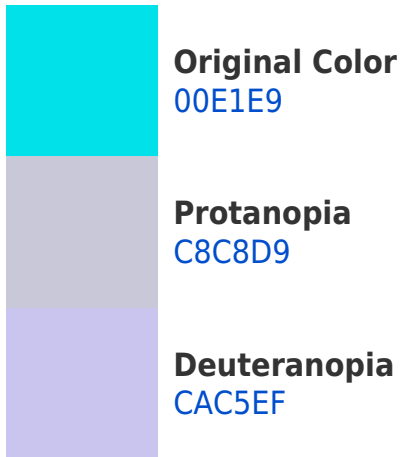


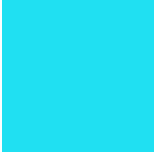
This preview shows how white text looks on a background with the Hex color 00E1E9.

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



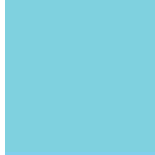


Tritanopia
20E0F2

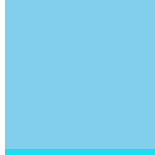
Trichromacy



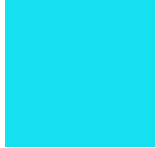
Original Color
00E1E9



Protanomaly
7FD1DF



Deuteranomaly
81CFED

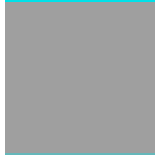


Tritanomaly
14E0EF

Monochromacy



Original Color
00E1E9



Achromatopsia
9F9F9F



Achromatomaly
65B7BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E1E9 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 #00E1E9 looks like.

```
.text, #text, p{  
    color:#00E1E9  
}
```

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 #00E1E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E1E9
}
```

Border

The CSS property to change the border of an element to Hex 00E1E9 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
#00E1E9 }
```

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

```
.border{ border-color:#00E1E9 }
```

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

Here you see how a box with a 4 pixel #00E1E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E1E9; -webkit-box-shadow:4px 4px  
4px 4px #00E1E9; box-shadow:4px 4px 4px  
4px #00E1E9 }
```

Background

The CSS property to change the background color of an element to Hex 00E1E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E1E9 }
```

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

```
.background{ background-color:#00E1E9 }
```

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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