

Converting Colors

Hex(00FFE2)

Have a look what the booklet for
Hex(00FFE2) contains.

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Color

Hex(00FFE2)

Conversions

Conversions Part 1

Format	Color
Hex	00FFE2
RGB	0, 255, 226
RGB Percent	0%, 100%, 89%
CMY	1.0000, 0.0000, 0.1137
CMYK	1.00, 0.00, 0.11, 0.00
HSL	173°, 100%, 50%
HSV	173°, 100%, 100%
XYZ	49.4875, 77.0110, 84.2079
YIQ	175.4490, -142.6710, -63.0790

Conversions

Conversions Part 2

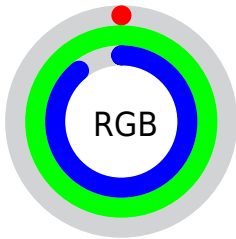
Format	Color
RYB	0, 135, 255
Decimal	65506
CIELab	90.33, -56.06, -0.26
CIELCh	90, 56.062, 180.265
Yxy	77.0110, 0.2349, 0.3655
Android (android.graphics.Color)	4278255586 (0xFF00FFE2)
YUV	175.4490, 24.9216, -153.8688
Hunter-Lab	87.7559, -52.9128, 4.5363

Details

The Hex color **00FFE2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FF001D**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **76FFFF**, and **00C5AB** is the 20% darker color. If you saturate the color by 10%, you get **00FFE2**, and if you desaturate by 10%, it is **19FFE5**.

Distribution



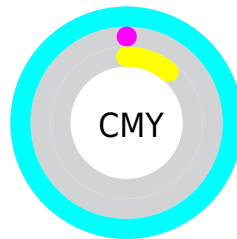
- Red (0%)
- Green (100%)
- Blue (89%)



- Red (0%)
- Yellow (53%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FFE2 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 00FFE2 by changing the saturation by 10% instead.

 00FFE2

 00FFE2

FFFFFF

 00E2C6

 76FFFF

 00C5AB

 9AFFFF

 00A990

 BBFFFF

 008E77

 DCFFFF

 00735E

 FCFFFF

 005947

 004030

 00291C

 000202

 00FFE2

 19FFE5

 33FFE8

 4DFFEB

 66FFEE

 80FFF1

 99FFF3

 B3FFF6

 CCFFF9

 E6FFFC

Harmonies

Analogous

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



8AFAAC



00FE2



00FEFF

Triad

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



00FFE2



E8D5FF



FFCD87

Complementary

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



00FFE2



FF001D

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.



FFDB0



00FE2



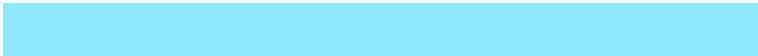
FC2FF

Square

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



00FFE2



8CE9FF



FFB8E5



FFE076

Rectangle

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



00FE2



00FAFF



FFB8E5



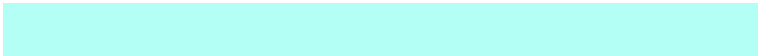
FFC793

Sweetspot

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



00FFE2



B3FFF6



1EFF00



52807A



000000



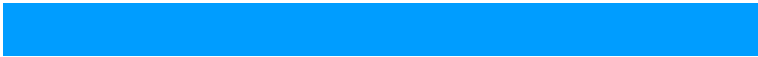
808080

Same Dimension

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



00FFE2



009DFF



73807E



00BFAA



004039

Inverse Universe

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



FF001D



FF6200



807374



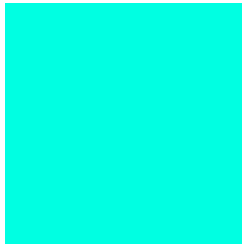
BF0016



400007

Previews

White Background



This preview shows how the Hex color 00FFE2 looks on a white background.

Color Contrast Check

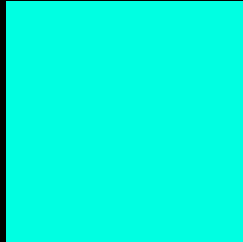
Large Text (above 18pt) WCAG AA × Fail

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 00FFE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

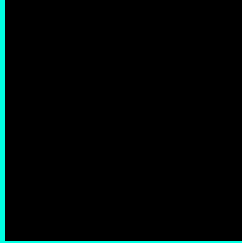
Any Text WCAG AA ✓ Pass

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 00FFE2 Background



This preview shows how black text looks on a background with the Hex color 00FFE2.



This preview shows how white text looks on a background with the Hex color 00FFE2.

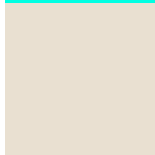
Color Blindness Simulation

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](#).

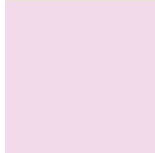
Dichromacy



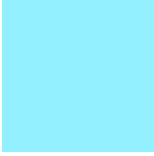
Original Color
00FFE2



Protanopia
E9E0D1

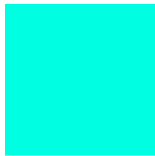


Deuteranopia
F3DAEA

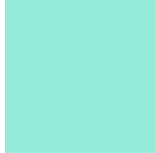


Tritanopia
93F1FF

Trichromacy



Original Color
00FFE2



Protanomaly
94EBD7



Deuteranomaly
9BE7E7

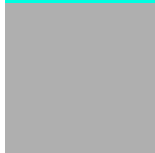


Tritanomaly
5EF6F4

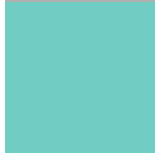
Monochromacy



Original Color
00FFE2



Achromatopsia
AFAFAF



Achromatomaly
6FCCC2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FFE2 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 #00FFE2 looks like.

```
.text, #text, p{  
    color:#00FFE2  
}
```

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 #00FFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FFE2
}
```

Border

The CSS property to change the border of an element to Hex 00FFE2 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
#00FFE2 }
```

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

```
.border{ border-color:#00FFE2 }
```

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

Here you see how a box with a 4 pixel #00FFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FFE2; -webkit-box-shadow:4px 4px  
4px 4px #00FFE2; box-shadow:4px 4px 4px  
4px #00FFE2 }
```

Background

The CSS property to change the background color of an element to Hex 00FFE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FFE2 }
```

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

```
.background{ background-color:#00FFE2 }
```

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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