

Converting Colors

Hex(00FFE7)

Have a look what the booklet for
Hex(00FFE7) contains.

Hex(00FFE7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(00FFE7)

Conversions

Conversions Part 1

Format	Color
Hex	00FFE7
RGB	0, 255, 231
RGB Percent	0%, 100%, 91%
CMY	1.0000, 0.0000, 0.0941
CMYK	1.00, 0.00, 0.09, 0.00
HSL	174°, 100%, 50%
HSV	174°, 100%, 100%
XYZ	50.1838, 77.2895, 87.8747
YIQ	176.0190, -144.2760, -61.5240

Conversions

Conversions Part 2

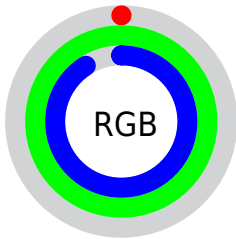
Format	Color
RYB	0, 134, 255
Decimal	65511
CIELab	90.45, -54.74, -2.67
CIELCh	90, 54.800, 182.788
Yxy	77.2895, 0.2330, 0.3589
Android (android.graphics.Color)	4278255591 (0xFF00FFE7)
YUV	176.0190, 27.1056, -154.3687
Hunter-Lab	87.9145, -51.9580, 2.2769

Details

The Hex color **00FFE7** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FF0018**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **77FFFF**, and **00C5B0** is the 20% darker color. If you saturate the color by 10%, you get **00FFE7**, and if you desaturate by 10%, it is **19FFE9**.

Distribution



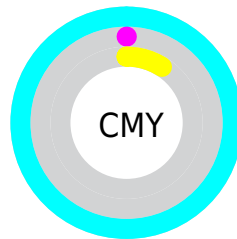
- Red (0%)
- Green (100%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00FFE7 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 00FFE7 by changing the saturation by 10% instead.

 00FFE7

 00FFE7

FFFFFF

 00E2CB

 77FFFF

 00C5B0

 9AFFFF

 00A995

 BCFFFF

 008E7B

 DCFFFF

 007362

 FDFFFF

 00594B

 004034

 002A1F

 000308

 00FFE7


 19FFE9

 33FFEC

 4DFFEE

 66FFF1

 80FFF3

 99FFF5

 B3FFF8

 CCFFFA

 E6FFFD

Harmonies

Analogous

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



87FBB2



00FFE7



00FDFF

Triad

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



00FFE7



EFD4FF



FFD087

Complementary

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



00FFE7



FF0018

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.



FFBFAE



00FFE7



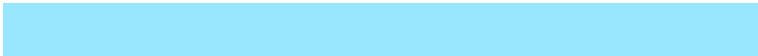
FFC2FF

Square

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



00FFE7



98E7FF



FFB9E1



FFE279

Rectangle

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



00FFE7



00F9FF



FFB9E1



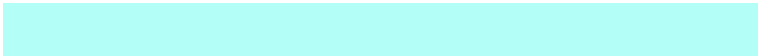
FFCA92

Sweetspot

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



00FFE7



B3FFF8



1AFF00



52807B



000000



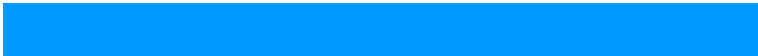
808080

Same Dimension

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



00FFE7



0099FF



73807E



00BFAD



00403A

Inverse Universe

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



FF0018



FF6600



807374



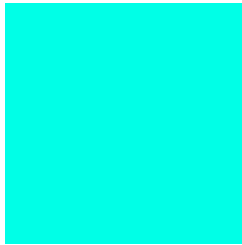
BF0012



400006

Previews

White Background



This preview shows how the Hex color 00FFE7 looks on a white background.

Color Contrast Check

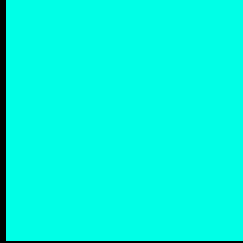
Large Text (above 18pt) WCAG AA × Fail

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 00FFE7 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

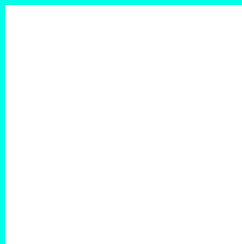
Any Text WCAG AAA ✓ Pass

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

Hex 00FFE7 Background



This preview shows how black text looks on a background with the Hex color 00FFE7.



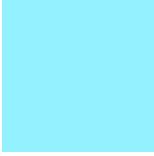
This preview shows how white text looks on a background with the Hex color 00FFE7.

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](#).

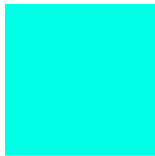
Dichromacy



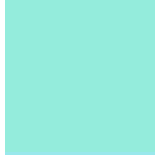


Tritanopia
94F1FF

Trichromacy



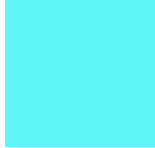
Original Color
00FFE7



Protanomaly
94ECDC



Deuteranomaly
99E8EC

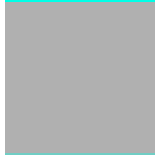


Tritanomaly
5EF6F6

Monochromacy



Original Color
00FFE7



Achromatopsia
B0B0B0



Achromatomaly
70CDC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FFE7 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 #00FFE7 looks like.

```
.text, #text, p{  
    color:#00FFE7  
}
```

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 #00FFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FFE7  
}
```

Border

The CSS property to change the border of an element to Hex 00FFE7 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  
#00FFE7 }
```

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

```
.border{ border-color:#00FFE7 }
```

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

Here you see how a box with a 4 pixel #00FFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FFE7; -webkit-box-shadow:4px 4px  
4px 4px #00FFE7; box-shadow:4px 4px 4px  
4px #00FFE7 }
```

Background

The CSS property to change the background color of an element to Hex 00FFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FFE7 }
```

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

```
.background{ background-color:#00FFE7 }
```

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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