

Converting Colors

Hex(00FFE6)

Have a look what the booklet for
Hex(00FFE6) contains.

Hex(00FFE6)	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(00FFE6)

Conversions

Conversions Part 1

Format	Color
Hex	00FFE6
RGB	0, 255, 230
RGB Percent	0%, 100%, 90%
CMY	1.0000, 0.0000, 0.0980
CMYK	1.00, 0.00, 0.10, 0.00
HSL	174°, 100%, 50%
HSV	174°, 100%, 100%
XYZ	50.0429, 77.2332, 87.1329
YIQ	175.9050, -143.9550, -61.8350

Conversions

Conversions Part 2

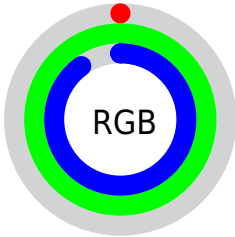
Format	Color
RYB	0, 134, 255
Decimal	65510
CIELab	90.43, -55.00, -2.18
CIELCh	90, 55.046, 182.274
Yxy	77.2332, 0.2334, 0.3602
Android (android.graphics.Color)	4278255590 (0xFF00FFE6)
YUV	175.9050, 26.6688, -154.2687
Hunter-Lab	87.8824, -52.1509, 2.7334

Details

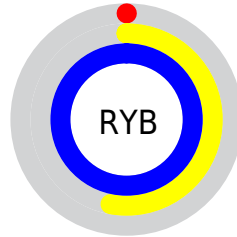
The Hex color **00FFE6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FF0019**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **77FFFF**, and **00C5AF** is the 20% darker color. If you saturate the color by 10%, you get **00FFE6**, and if you desaturate by 10%, it is **19FFE8**.

Distribution



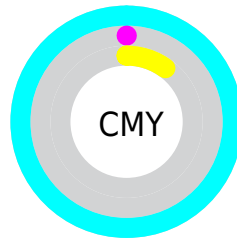
- Red (0%)
- Green (100%)
- Blue (90%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FFE6 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 00FFE6 by changing the saturation by 10% instead.

 00FFE6

 00FFE6

FFFFFF

 00E2CA

 77FFFF

 00C5AF

 9AFFFF

 00A994

 BCFFFF

 008E7A

 DCFFFF

 007362

 FDFFFF

 00594A

 004033

 002A1E

 000307

 00FFE6

 19FFE8

 33FFEB

 4DFFED

 66FFF0

 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.



87FBB1



00FFE6



00FEFF

Triad

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



00FFE6



EED4FF



FFCF87

Complementary

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



00FFE6



FF0019

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



00FFE6



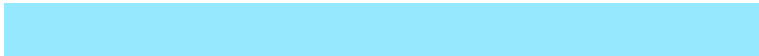
FFC2FF

Square

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



00FFE6



96E8FF



FFB9E2



FFE278

Rectangle

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



00FFE6



00F9FF



FFB9E2



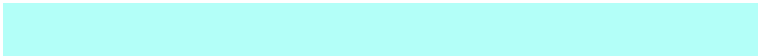
FFC992

Sweetspot

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



00FFE6



B3FFF8



1AFF00



52807B



000000



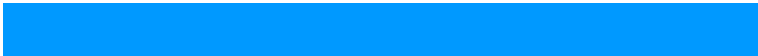
808080

Same Dimension

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



00FFE6



0099FF



73807E



00BFAC



004039

Inverse Universe

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



FF0019



FF6600



807374



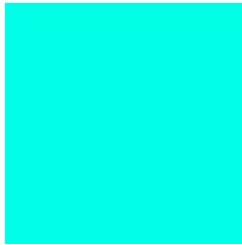
BF0013



400006

Previews

White Background



This preview shows how the Hex color 00FFE6 looks on a white background.

Color Contrast Check

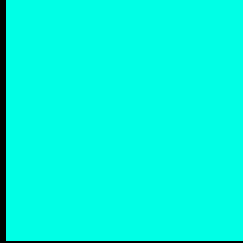
Large Text (above 18pt) WCAG AA × Fail

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 00FFE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

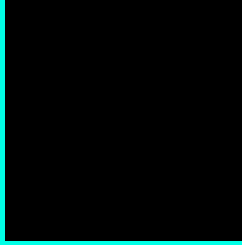
Any Text WCAG AA ✓ Pass

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 00FFE6 Background



This preview shows how black text looks on a background with the Hex color 00FFE6.

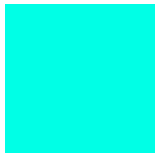


This preview shows how white text looks on a background with the Hex color 00FFE6.

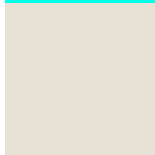
Color Blindness Simulation

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](#).

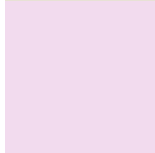
Dichromacy



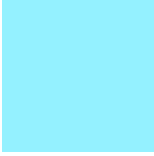
Original Color
00FFE6



Protanopia
E8E1D5



Deuteranopia
F2DBEE

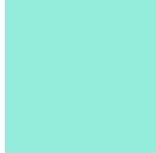


Tritanopia
94F1FF

Trichromacy



Original Color
00FFE6



Protanomaly
94ECDB

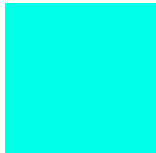


Deuteranomaly
9AE8EB

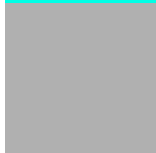


Tritanomaly
5EF6F6

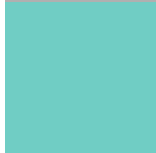
Monochromacy



Original Color
00FFE6



Achromatopsia
B0B0B0



Achromatomaly
70CDC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FFE6 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 #00FFE6 looks like.

```
.text, #text, p{  
    color:#00FFE6  
}
```

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 #00FFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FFE6  
}
```

Border

The CSS property to change the border of an element to Hex 00FFE6 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  
#00FFE6 }
```

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

```
.border{ border-color:#00FFE6 }
```

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

Here you see how a box with a 4 pixel #00FFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FFE6; -webkit-box-shadow:4px 4px  
4px 4px #00FFE6; box-shadow:4px 4px 4px  
4px #00FFE6 }
```

Background

The CSS property to change the background color of an element to Hex 00FFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FFE6 }
```

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

```
.background{ background-color:#00FFE6 }
```

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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