

Converting Colors

Hex(00FDE2)

Have a look what the booklet for
Hex(00FDE2) contains.

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Color

Hex(00FDE2)

Conversions

Conversions Part 1

Format	Color
Hex	00FDE2
RGB	0, 253, 226
RGB Percent	0%, 99%, 89%
CMY	1.0000, 0.0078, 0.1137
CMYK	1.00, 0.00, 0.11, 0.01
HSL	174°, 100%, 50%
HSV	174°, 100%, 99%
XYZ	48.8527, 75.7415, 83.9963
YIQ	174.2750, -142.1210, -62.0330

Conversions

Conversions Part 2

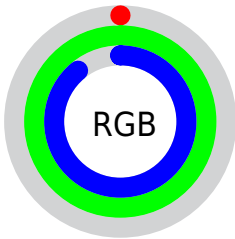
Format	Color
RYB	0, 134, 253
Decimal	64994
CIELab	89.74, -55.26, -1.12
CIELCh	90, 55.267, 181.159
Yxy	75.7415, 0.2342, 0.3631
Android (android.graphics.Color)	4278255074 (0xFF00FDE2)
YUV	174.2750, 25.5004, -152.8392
Hunter-Lab	87.0296, -52.1036, 3.6972

Details

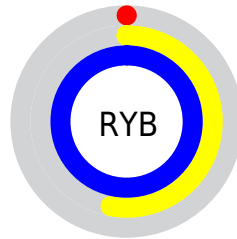
The Hex color **00FDE2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FD001B**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **76FFFF**, and **00C3AB** is the 20% darker color. If you saturate the color by 10%, you get **00FDE2**, and if you desaturate by 10%, it is **19FDE5**.

Distribution



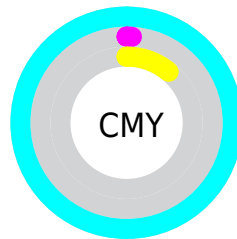
- Red (0%)
- Green (99%)
- Blue (89%)



- Red (0%)
- Yellow (53%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FDE2 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 00FDE2 by changing the saturation by 10% instead.

 00FDE2

 00FDE2

FFFFFF

 00E0C6

 76FFFF

 00C3AB

 99FFFF

 00A790

 BBFFFF

 008C77

 DBFFFF

 00715E

 FCFFFF

 005847

 003F30

 00281C

 000002

 00FDE2

 19FDE5

 33FDE7

 4CFDEA

 65FDED

 7FFDF0

 98FDF2

 B1FDF5

 CAFDF8

 E4FDFA

Harmonies

Analogous

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



88F9AD



00FDE2



00FCFF

Triad

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



00FDE2



E9D3FF



FFCC86

Complementary

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



00FDE2



FD001B

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.



FFBCAE



00FDE2



FFC0FF

Square

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



00FDE2



8FE6FF



FFB7E2



FFDF76

Rectangle

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



00FDE2



00F8FF



FFB7E2



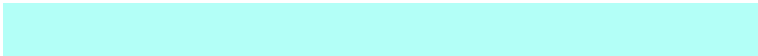
FFC691

Sweetspot

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



00FDE2



B3FFF7



1EFD00



52807B



000000



808080

Same Dimension

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



00FDE2



00FFE4



009CFD



73807E



00BFAB



004039

Inverse Universe

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



FD001B



FF001B



FD6100



807374



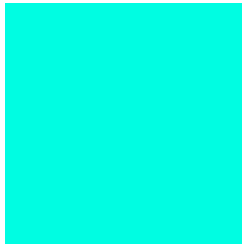
BF0014



400007

Previews

White Background



This preview shows how the Hex color 00FDE2 looks on a white background.

Color Contrast Check

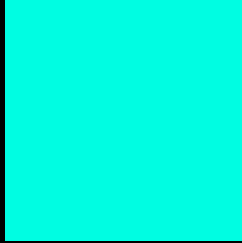
Large Text (above 18pt) WCAG AA × Fail

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 00FDE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

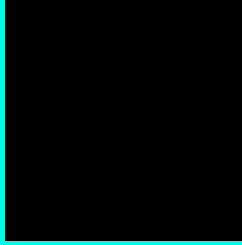
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

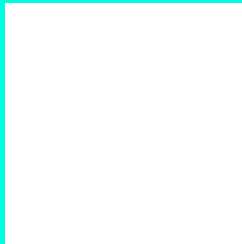
Any Text WCAG AAA ✓ Pass

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

Hex 00FDE2 Background



This preview shows how black text looks on a background with the Hex color 00FDE2.

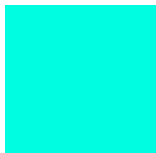


This preview shows how white text looks on a background with the Hex color 00FDE2.

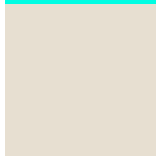
Color Blindness Simulation

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](#).

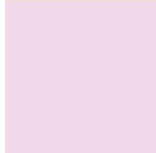
Dichromacy



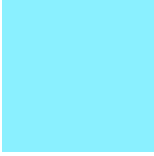
Original Color
00FDE2



Protanopia
E7DFD1

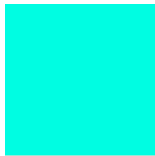


Deuteranopia
F1D9EA

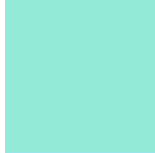


Tritanopia
8AF0FF

Trichromacy



Original Color
00FDE2



Protanomaly
93EAD7



Deuteranomaly
99E6E7

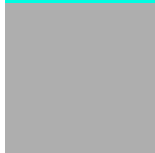


Tritanomaly
58F5F4

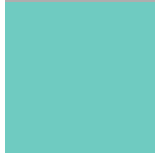
Monochromacy



Original Color
00FDE2



Achromatopsia
AEAEAE



Achromatomaly
6FCBC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FDE2 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 #00FDE2 looks like.

```
.text, #text, p{  
    color:#00FDE2  
}
```

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 #00FDE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FDE2
}
```

Border

The CSS property to change the border of an element to Hex 00FDE2 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
#00FDE2 }
```

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

```
.border{ border-color:#00FDE2 }
```

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

Here you see how a box with a 4 pixel #00FDE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FDE2; -webkit-box-shadow:4px 4px  
4px 4px #00FDE2; box-shadow:4px 4px 4px  
4px #00FDE2 }
```

Background

The CSS property to change the background color of an element to Hex 00FDE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FDE2 }
```

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

```
.background{ background-color:#00FDE2 }
```

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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