

Converting Colors

Hex(00FCEB)

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

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Color

Hex(00FCEB)

Conversions

Conversions Part 1

Format	Color
Hex	00FCEB
RGB	0, 252, 235
RGB Percent	0%, 99%, 92%
CMY	1.0000, 0.0118, 0.0784
CMYK	1.00, 0.00, 0.07, 0.01
HSL	176°, 100%, 49%
HSV	176°, 100%, 99%
XYZ	49.8058, 75.6190, 90.5681
YIQ	174.7140, -144.7350, -58.7110

Conversions

Conversions Part 2

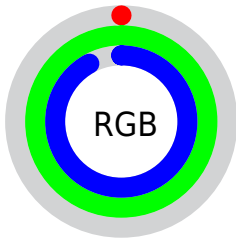
Format	Color
RYB	0, 130, 252
Decimal	64747
CIELab	89.68, -52.42, -5.88
CIELCh	90, 52.751, 186.401
Yxy	75.6190, 0.2306, 0.3501
Android (android.graphics.Color)	4278254827 (0xFF00FCEB)
YUV	174.7140, 29.7210, -153.2242
Hunter-Lab	86.9592, -49.9428, -0.8792

Details

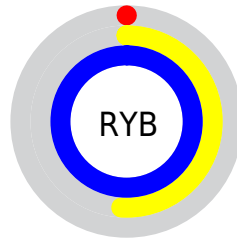
The Hex color **00FCEB** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FC0011**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **77FFFF**, and **00C2B3** is the 20% darker color. If you saturate the color by 10%, you get **00FCEB**, and if you desaturate by 10%, it is **19FCED**.

Distribution



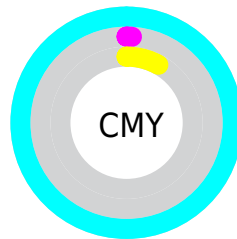
- Red (0%)
- Green (99%)
- Blue (92%)



- Red (0%)
- Yellow (51%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 00FCEB

 00FCEB

FFFFFF

 00DFCF

 77FFFF

 00C2B3

 9AFFFF

 00A799

 BBFFFF

 008B7F

 DCFFFF

 007166

 FDFFFF

 00574E

 003E37

 002822

 00010D

 00FCEB

 19FCED

 32FCEE

 4CFCF0

 65FCF2

 7EFCF3

 97FCF5

 B0FCF7

 CAFCF9

 E3FCFA

Harmonies

Analogous

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



80F9B7



00FCEB



00FAFF

Triad

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



00FCEB



F5D0FF



FFD186

Complementary

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



00FCEB



FC0011

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.



FFC0A8



00FCEB



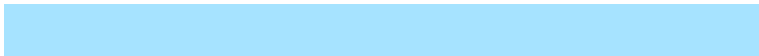
FFBFFF

Square

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



00FCEB



A6E3FF



FFB9D8



F7E27B

Rectangle

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



00FCEB



00F5FF



FFB9D8



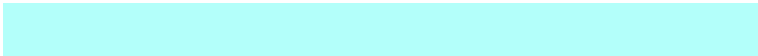
FFCB8F

Sweetspot

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



00FCEB



B3FFFA



15FC00



52807C



000000



808080

Same Dimension

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



00FCEB



00FFEE



0093FC



707D7C



00BDB0



003D39

Inverse Universe

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



FC0011



FF0011



FC6900



7D7071



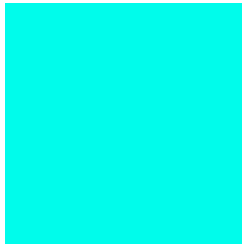
BD000D



3D0004

Previews

White Background



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

Color Contrast Check

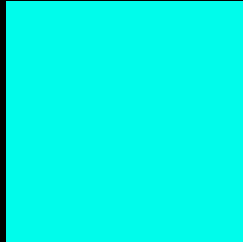
Large Text (above 18pt) WCAG AA × Fail

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 00FCEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

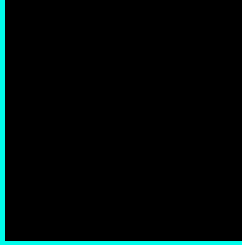
Any Text WCAG AA ✓ Pass

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 00FCEB Background



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

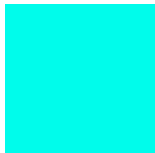


This preview shows how white text looks on a background with the Hex color 00FCEB.

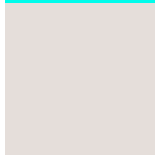
Color Blindness Simulation

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](#).

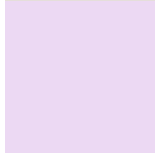
Dichromacy



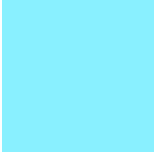
Original Color
00FCEB



Protanopia
E5DEDA

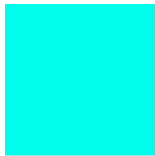


Deuteranopia
ECD9F3

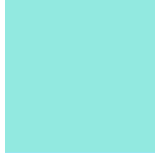


Tritanopia
89F0FF

Trichromacy



Original Color
00FCEB



Protanomaly
92E9E0



Deuteranomaly
96E6F0

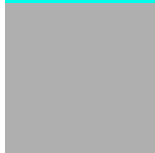


Tritanomaly
57F4F8

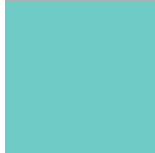
Monochromacy



Original Color
00FCEB



Achromatopsia
AFAFAF



Achromatomaly
6FCBC5

CSS Examples

Text

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

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

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 #00FCEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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