

Converting Colors

Hex(00F4EB)

Have a look what the booklet for
Hex(00F4EB) contains.

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Color

Hex(00F4EB)

Conversions

Conversions Part 1

Format	Color
Hex	00F4EB
RGB	0, 244, 235
RGB Percent	0%, 96%, 92%
CMY	1.0000, 0.0431, 0.0784
CMYK	1.00, 0.00, 0.04, 0.04
HSL	178°, 100%, 48%
HSV	178°, 100%, 96%
XYZ	47.3461, 70.6995, 89.7482
YIQ	170.0180, -142.5350, -54.5270

Conversions

Conversions Part 2

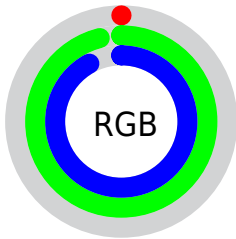
Format	Color
RYB	0, 124, 244
Decimal	62699
CIELab	87.34, -49.07, -9.35
CIELCh	87, 49.953, 190.790
Yxy	70.6995, 0.2279, 0.3402
Android (android.graphics.Color)	4278252779 (0xFF00F4EB)
YUV	170.0180, 32.0361, -149.1058
Hunter-Lab	84.0830, -46.6342, -4.4267

Details

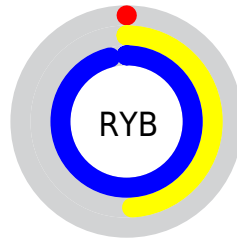
The Hex color **00F4EB** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F40009**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **75FFFF**, and **00BBB3** is the 20% darker color. If you saturate the color by 10%, you get **00F4EB**, and if you desaturate by 10%, it is **18F4EC**.

Distribution



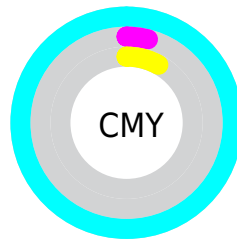
- Red (0%)
- Green (96%)
- Blue (92%)



- Red (0%)
- Yellow (49%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F4EB 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 00F4EB by changing the saturation by 10% instead.

 00F4EB

FFFFFF

 75FFFF

 98FFFF

 BAFFFF

 DAFFFF

 FAFFFF

 00F4EB

 00D7CF

 00BBB3

 009F99

 00847F

 006A66

 00514E

 003837

 002222

 00000C

 00F4EB

 18F4EC

 31F4ED

 49F4EE

 62F4EF

 7AF4F0

 92F4F0

 ABF4F1

 C3F4F2

 DCF4F3

Harmonies

Analogous

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



76F2BA



00F4EB



00F1FF

Triad

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



00F4EB



F6C8FF



FFCD81

Complementary

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



00F4EB



F40009

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.



FFBE9F



00F4EB



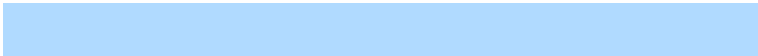
FFB9FB

Square

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



00F4EB



B0DAFF



FFB5CB



E8DE7C

Rectangle

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



00F4EB



1DECFE



FFB5CB



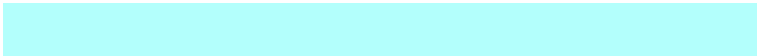
FFC889

Sweetspot

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



00F4EB



B3FFFC



0CF400



52807E



000000



808080

Same Dimension

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



00F4EB



00FFF6



0086F4



6E7A7A



00BAB3



003B38

Inverse Universe

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



F40009



FF0009



F46E00



7A6E6F



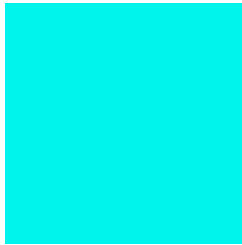
BA0007



3B0002

Previews

White Background



This preview shows how the Hex color 00F4EB looks on a white background.

Color Contrast Check

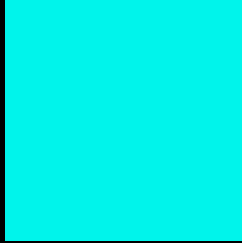
Large Text (above 18pt) WCAG AA × Fail

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 00F4EB 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

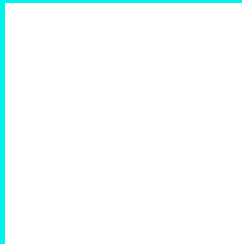
Any Text WCAG AAA ✓ Pass

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

Hex 00F4EB Background



This preview shows how black text looks on a background with the Hex color 00F4EB.

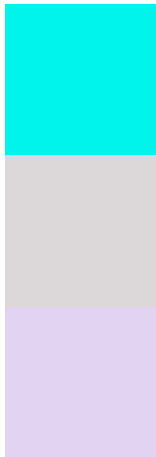


This preview shows how white text looks on a background with the Hex color 00F4EB.

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](#).

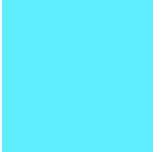
Dichromacy



Original Color
00F4EB

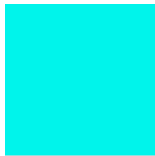
Protanopia
DCD8DA

Deuteranopia
E2D3F2



Tritanopia
5EEEEFF

Trichromacy



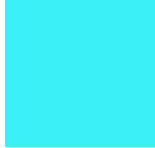
Original Color
00F4EB



Protanomaly
8CE2E0



Deuteranomaly
90DFEF

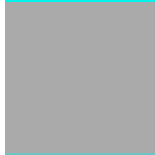


Tritanomaly
3CF0F8

Monochromacy



Original Color
00F4EB



Achromatopsia
AAAAAA



Achromatomaly
6CC5C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F4EB 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 #00F4EB looks like.

```
.text, #text, p{  
    color:#00F4EB  
}
```

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 #00F4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F4EB
}
```

Border

The CSS property to change the border of an element to Hex 00F4EB 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
#00F4EB }
```

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

```
.border{ border-color:#00F4EB }
```

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

Here you see how a box with a 4 pixel #00F4EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F4EB; -webkit-box-shadow:4px 4px  
4px 4px #00F4EB; box-shadow:4px 4px 4px  
4px #00F4EB }
```

Background

The CSS property to change the background color of an element to Hex 00F4EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F4EB }
```

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

```
.background{ background-color:#00F4EB }
```

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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