

Converting Colors

Hex(00F2EB)

Have a look what the booklet for
Hex(00F2EB) contains.

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Color

Hex(00F2EB)

Conversions

Conversions Part 1

Format	Color
Hex	00F2EB
RGB	0, 242, 235
RGB Percent	0%, 95%, 92%
CMY	1.0000, 0.0510, 0.0784
CMYK	1.00, 0.00, 0.03, 0.05
HSL	178°, 100%, 47%
HSV	178°, 100%, 95%
XYZ	46.7475, 69.5024, 89.5487
YIQ	168.8440, -141.9850, -53.4810

Conversions

Conversions Part 2

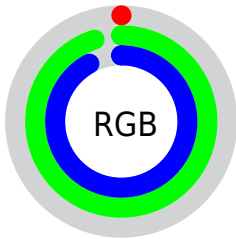
Format	Color
RYB	0, 123, 242
Decimal	62187
CIELab	86.75, -48.22, -10.22
CIELCh	87, 49.291, 191.971
Yxy	69.5024, 0.2272, 0.3377
Android (android.graphics.Color)	4278252267 (0xFF00F2EB)
YUV	168.8440, 32.6149, -148.0762
Hunter-Lab	83.3681, -45.8028, -5.3279

Details

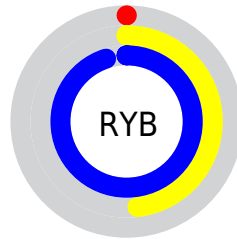
The Hex color **00F2EB** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F20007**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **75FFFF**, and **00B9B3** is the 20% darker color. If you saturate the color by 10%, you get **00F2EB**, and if you desaturate by 10%, it is **18F2EC**.

Distribution



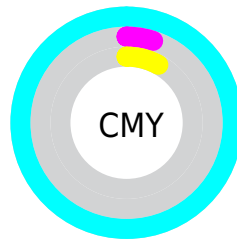
- Red (0%)
- Green (95%)
- Blue (92%)



- Red (0%)
- Yellow (48%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F2EB 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 00F2EB by changing the saturation by 10% instead.

 00F2EB

FFFFFF

 75FFFF

 98FFFF

 B9FFFF

 DAFFFF

 FAFFFF

 00F2EB

 00D5CF

 00B9B3

 009D99

 00837F

 006966

 004F4E

 003737

 002022

 00000B

 00F2EB

 18F2EC

 30F2EC

 49F2ED

 61F2EE

 79F2EE

 91F2EF

 A9F2F0

 C2F2F1

 DAF2F1

Harmonies

Analogous

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



74F0BB



00F2EB



00EFFF

Triad

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



00F2EB



F6C6FF



FFCD80

Complementary

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



00F2EB



F20007

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.



FFBD9D



00F2EB



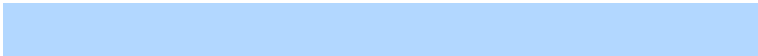
FFB8F7

Square

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



00F2EB



B2D7FF



FFB4C8



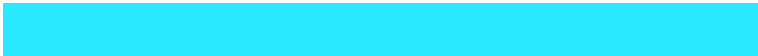
E5DC7C

Rectangle

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



00F2EB



2BEAFF



FFB4C8



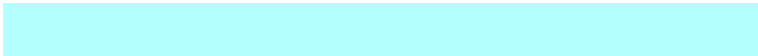
FFC788

Sweetspot

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



00F2EB



B3FFFD



08F200



52807E



000000



808080

Same Dimension

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



00F2EB



00FFF8



0081F2



6C7878



00B8B2



003836

Inverse Universe

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



F20007



FF0007



F27100



786C6C



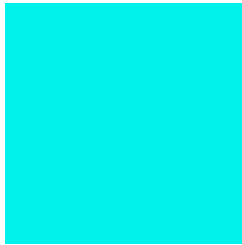
B80005



380002

Previews

White Background



This preview shows how the Hex color 00F2EB looks on a white background.

Color Contrast Check

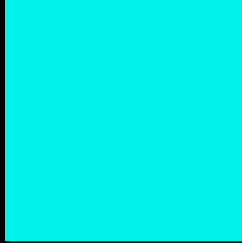
Large Text (above 18pt) WCAG AA × Fail

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 00F2EB 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

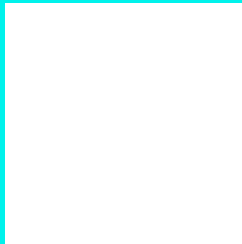
Any Text WCAG AAA ✓ Pass

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

Hex 00F2EB Background



This preview shows how black text looks on a background with the Hex color 00F2EB.

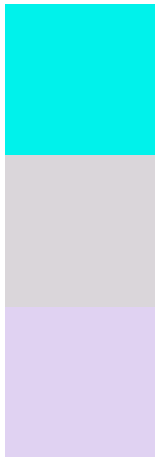


This preview shows how white text looks on a background with the Hex color 00F2EB.

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](#).

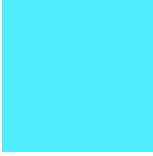
Dichromacy



Original Color
00F2EB

Protanopia
DAD6DA

Deuteranopia
E0D2F2



Tritanopia
50EDFF

Trichromacy



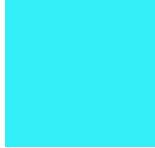
Original Color
00F2EB



Protanomaly
8BE0E0



Deuteranomaly
8FDEEF

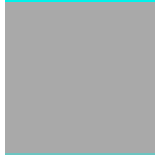


Tritanomaly
33EFF8

Monochromacy



Original Color
00F2EB



Achromatopsia
A9A9A9



Achromatomaly
6CC4C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F2EB 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 #00F2EB looks like.

```
.text, #text, p{  
    color:#00F2EB  
}
```

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 #00F2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F2EB
}
```

Border

The CSS property to change the border of an element to Hex 00F2EB 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
#00F2EB }
```

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

```
.border{ border-color:#00F2EB }
```

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

Here you see how a box with a 4 pixel #00F2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F2EB; -webkit-box-shadow:4px 4px  
4px 4px #00F2EB; box-shadow:4px 4px 4px  
4px #00F2EB }
```

Background

The CSS property to change the background color of an element to Hex 00F2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F2EB }
```

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

```
.background{ background-color:#00F2EB }
```

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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