

Converting Colors

Hex(00F6F2)

Have a look what the booklet for
Hex(00F6F2) contains.

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Color

Hex(00F6F2)

Conversions

Conversions Part 1

Format	Color
Hex	00F6F2
RGB	0, 246, 242
RGB Percent	0%, 96%, 95%
CMY	1.0000, 0.0353, 0.0510
CMYK	1.00, 0.00, 0.02, 0.04
HSL	179°, 100%, 48%
HSV	179°, 100%, 96%
XYZ	48.9828, 72.3223, 95.3823
YIQ	171.9900, -145.3320, -53.3960

Conversions

Conversions Part 2

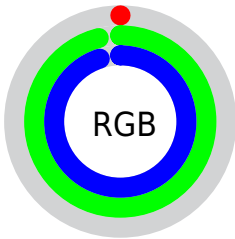
Format	Color
RYB	0, 124, 246
Decimal	63218
CIELab	88.12, -47.94, -11.84
CIELCh	88, 49.378, 193.878
Yxy	72.3223, 0.2261, 0.3338
Android (android.graphics.Color)	4278253298 (0xFF00F6F2)
YUV	171.9900, 34.5149, -150.8352
Hunter-Lab	85.0425, -46.0121, -6.9689

Details

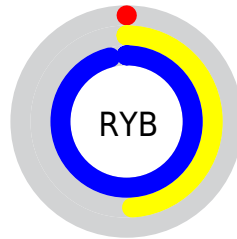
The Hex color **00F6F2** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F60004**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **76FFFF**, and **00BDBA** is the 20% darker color. If you saturate the color by 10%, you get **00F6F2**, and if you desaturate by 10%, it is **19F6F2**.

Distribution



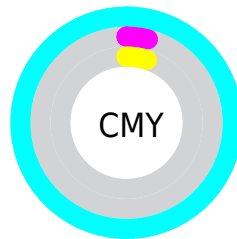
- Red (0%)
- Green (96%)
- Blue (95%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)




- Cyan (100%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F6F2 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 00F6F2 by changing the saturation by 10% instead.

 00F6F2

 00F6F2

FFFFFF

 00D9D6


 76FFFF

 00BDBA

 9AFFFF

 00A19F

 BBFFFF

 008685

 DCFFFF

 006C6C

 FCFFFF

 005354

 003A3D

 002427

 000113

 00F6F2

 19F6F2

 31F6F3

 4AF6F3

 62F6F4

 7BF6F4

 94F6F4

 ACF6F5

 C5F6F5

 DDF6F6

Harmonies

Analogous

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



73F4C1



00F6F2



00F2FF

Triad

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



00F6F2



FEC9FF



FFD183

Complementary

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



00F6F2



F60004

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.



FFC29E



00F6F2



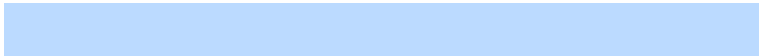
FFBBF8

Square

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



00F6F2



BBD AFF



FFB8C9



E6E180

Rectangle

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



00F6F2



3DEDFF



FFB8C9



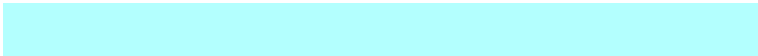
FFCC89

Sweetspot

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



00F6F2



B3FFFE



04F600



52807F



000000



808080

Same Dimension

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



00F6F2



00FFFB



007FF6



6E7A7A



00BAB7



003B3A

Inverse Universe

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



F60004



FF0004



F67700



7A6E6E



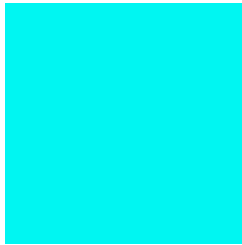
BA0003



3B0001

Previews

White Background



This preview shows how the Hex color 00F6F2 looks on a white background.

Color Contrast Check

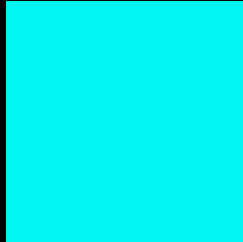
Large Text (above 18pt) WCAG AA × Fail

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 00F6F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

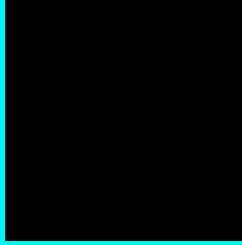
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

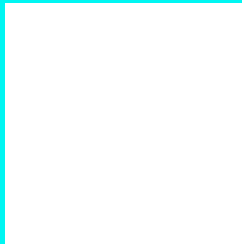
Any Text WCAG AAA ✓ Pass

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

Hex 00F6F2 Background



This preview shows how black text looks on a background with the Hex color 00F6F2.

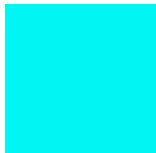


This preview shows how white text looks on a background with the Hex color 00F6F2.

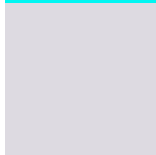
Color Blindness Simulation

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



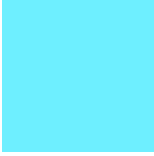
Original Color
00F6F2



Protanopia
DDDAE1

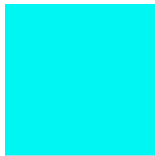


Deuteranopia
E2D6F9



Tritanopia
6EEFF

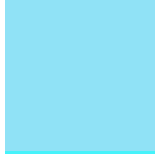
Trichromacy



Original Color
00F6F2



Protanomaly
8DE4E7



Deuteranomaly
90E2F6

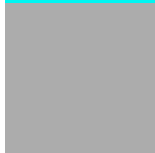


Tritanomaly
46F2FA

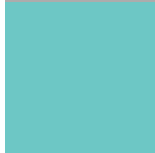
Monochromacy



Original Color
00F6F2



Achromatopsia
ACACAC



Achromatomaly
6DC7C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F6F2 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 #00F6F2 looks like.

```
.text, #text, p{  
    color:#00F6F2  
}
```

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 #00F6F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F6F2
}
```

Border

The CSS property to change the border of an element to Hex 00F6F2 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
#00F6F2 }
```

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

```
.border{ border-color:#00F6F2 }
```

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

Here you see how a box with a 4 pixel #00F6F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F6F2; -webkit-box-shadow:4px 4px  
4px 4px #00F6F2; box-shadow:4px 4px 4px  
4px #00F6F2 }
```

Background

The CSS property to change the background color of an element to Hex 00F6F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F6F2 }
```

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

```
.background{ background-color:#00F6F2 }
```

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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