

Converting Colors

Hex(00F3B9)

Have a look what the booklet for
Hex(00F3B9) contains.

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Color

Hex(00F3B9)

Conversions

Conversions Part 1

Format	Color
Hex	00F3B9
RGB	0, 243, 185
RGB Percent	0%, 95%, 73%
CMY	1.0000, 0.0471, 0.2745
CMYK	1.00, 0.00, 0.24, 0.05
HSL	166°, 100%, 48%
HSV	166°, 100%, 95%
XYZ	40.8075, 67.6040, 56.7970
YIQ	163.7310, -126.2100, -69.5540

Conversions

Conversions Part 2

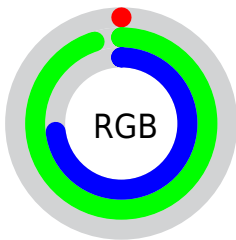
Format	Color
RYB	0, 138, 243
Decimal	62393
CIELab	85.81, -61.63, 14.53
CIELCh	86, 63.319, 166.730
Yxy	67.6040, 0.2470, 0.4092
Android (android.graphics.Color)	4278252473 (0xFF00F3B9)
YUV	163.7310, 10.4856, -143.5921
Hunter-Lab	82.2216, -55.2962, 16.5988

Details

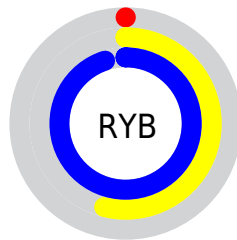
The Hex color **00F3B9** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F3003A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **71FFF1**, and **00B984** is the 20% darker color. If you saturate the color by 10%, you get **00F3B9**, and if you desaturate by 10%, it is **18F3BF**.

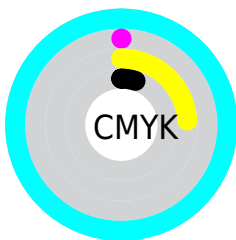
Distribution



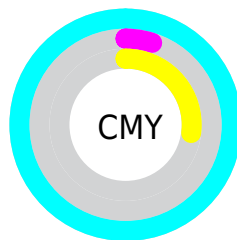
- Red (0%)
- Green (95%)
- Blue (73%)



- Red (0%)
- Yellow (54%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F3B9 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 00F3B9 by changing the saturation by 10% instead.

 00F3B9

 00F3B9


FFFFFF

 00D69E

 71FFF1

 00B984

 93FFFF

 009E6B

 B4FFFF

 008252

 D4FFFF

 00683B

 F4FFFF

 004E25

 003610

 001D00

 000000

 00F3B9

 18F3BF

 31F3C5

 49F3CA

 61F3D0

 79F3D6

 92F3DC

 AAF3E2

 C2F3E7

 DBF3ED

Harmonies

Analogous

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



94EC81



00F3B9



00F5F7

Triad

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



00F3B9



ADD1FF



FFB482

Complementary

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



00F3B9



F3003A

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.



FFA4B7



00F3B9



FFB9FF

Square

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



00F3B9



00E5FF



FFA6F4



FFCA5F

Rectangle

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



00F3B9



00F3FF



FFA6F4



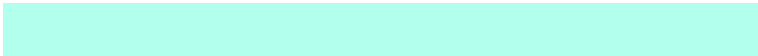
FFAD92

Sweetspot

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



00F3B9



B3FFED



3DF300



528075



000000



808080

Same Dimension

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



00F3B9



00FFC2



00B6F3



6E7A77



00BA8E



003B2D

Inverse Universe

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



F3003A



FF003D



F33D00



7A6E71



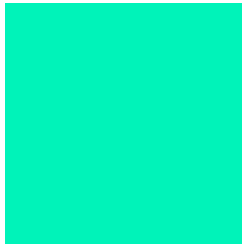
BA002C



3B000E

Previews

White Background



This preview shows how the Hex color 00F3B9 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 00F3B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

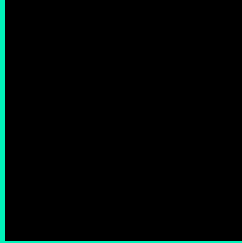
Any Text WCAG AA ✓ Pass

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 00F3B9 Background



This preview shows how black text looks on a background with the Hex color 00F3B9.

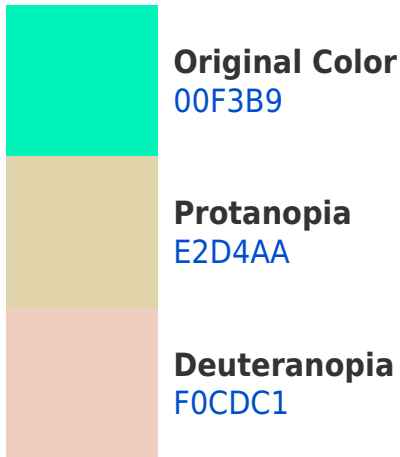


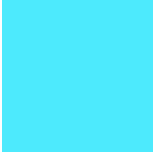
This preview shows how white text looks on a background with the Hex color 00F3B9.

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





Tritanopia
4DEAFD

Trichromacy



Original Color
00F3B9



Protanomaly
90DFAF



Deuteranomaly
99DBBE



Tritanomaly
31EDE4

Monochromacy



Original Color
00F3B9



Achromatopsia
A4A4A4



Achromatomaly
68C1AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F3B9 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 #00F3B9 looks like.

```
.text, #text, p{  
    color:#00F3B9  
}
```

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 #00F3B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F3B9
}
```

Border

The CSS property to change the border of an element to Hex 00F3B9 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
#00F3B9 }
```

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

```
.border{ border-color:#00F3B9 }
```

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

Here you see how a box with a 4 pixel #00F3B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F3B9; -webkit-box-shadow:4px 4px  
4px 4px #00F3B9; box-shadow:4px 4px 4px  
4px #00F3B9 }
```

Background

The CSS property to change the background color of an element to Hex 00F3B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F3B9 }
```

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

```
.background{ background-color:#00F3B9 }
```

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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