

Converting Colors

Hex(FF01EB)

Have a look what the booklet for
Hex(FF01EB) contains.

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Color

Hex(**FF01EB**)

Conversions

Conversions Part 1

Format	Color
Hex	FF01EB
RGB	255, 1, 235
RGB Percent	100%, 0%, 92%
CMY	0.0000, 0.9961, 0.0784
CMYK	0.00, 1.00, 0.08, 0.00
HSL	305°, 100%, 50%
HSV	305°, 100%, 100%
XYZ	56.2463, 27.2799, 80.8983
YIQ	103.6220, 76.2700, 126.6220

Conversions

Conversions Part 2

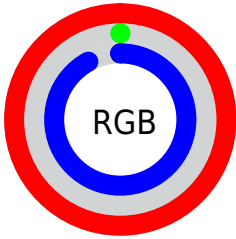
Format	Color
R_{YB}	255, 1, 235
Decimal	16712171
CIE _{Lab}	59.23, 95.50, -51.43
CIE _{LCh}	59, 108.471, 331.695
Yxy	27.2799, 0.3421, 0.1659
Android (android.graphics.Color)	4294902251 (0xFFFF01EB)
YUV	103.6220, 64.7694, 132.7585
Hunter-Lab	52.2301, 100.8226, -55.2721

Details

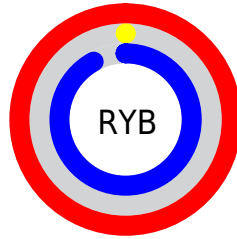
The Hex color **FF01EB** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **01FF15**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF69FF**, and **C100B2** is the 20% darker color. If you saturate the color by 10%, you get **FF00EB**, and if you desaturate by 10%, it is **FF1AED**.

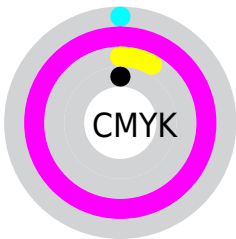
Distribution



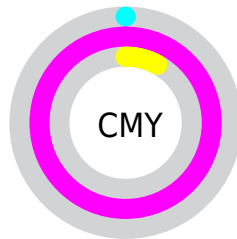
- Red (100%)
- Green (0%)
- Blue (92%)



- Red (100%)
- Yellow (0%)
- Blue (92%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF01EB 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 FF01EB by changing the saturation by 10% instead.

 FF01EB

 FF01EB

FFFFFF

 E000CE

 FF69FF

 C100B2

 FF89FF

 A30097

 FFA9FF

 85007D

 FFC8FF

 670063

 FFE7FF

 4B004A

 2C0032

 00001C

 000000

 FF01EB

 FF01EB

 FF00EB

 FF1AED

 FF34EF

 FF4EF1

 FF67F3

 FF81F5

 FF9AF7

 FFB3F9

 FFCDFB

 FFE7FD

Harmonies

Analogous

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



7D71FF



FF01EB



FF008E

Triad

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



FF01EB



A98D00



00B4F2

Complementary

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



FF01EB



01FF15

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.



00B392



FF01EB



3EA400

Square

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



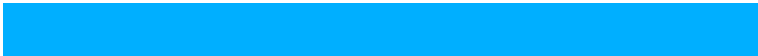
FF01EB



F26200



00AF25



00AFFF

Rectangle

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



FF01EB



FF0050



00AF25



00B4D3

Sweetspot

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



FF01EB



FFB3F9



1201FF



80527C



000000



808080

Same Dimension

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



FF01EB



FF00EB



FF016F



80737E



BF00B0



40003B

Inverse Universe

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



FF01EB



FF00EB



01FF91



80737E



BF00B0



40003B

Previews

White Background



This preview shows how the Hex color FF01EB looks on a white background.

Color Contrast Check

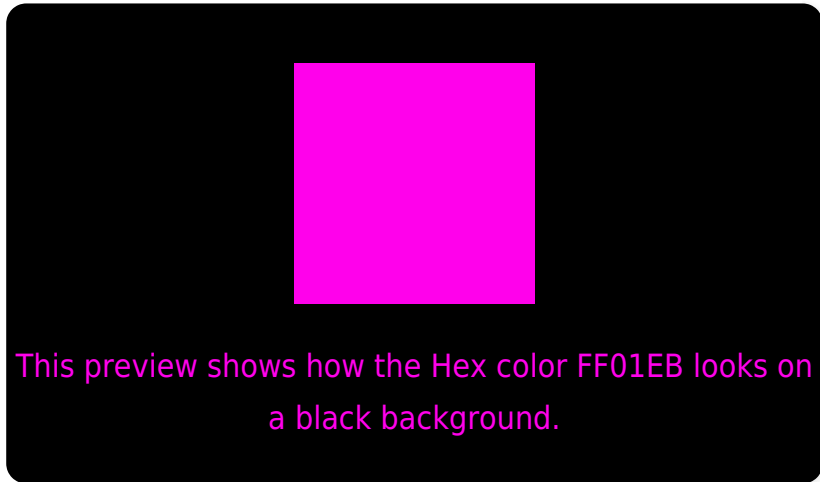
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex FF01EB Background



This preview shows how black text looks on a background with the Hex color FF01EB.

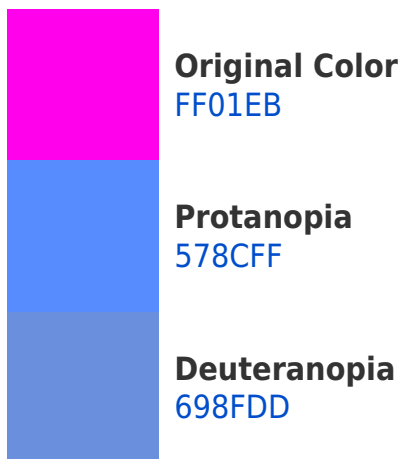


This preview shows how white text looks on a background with the Hex color FF01EB.

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
F25C62

Trichromacy



Original Color
FF01EB



Protanomaly
9459F8



Deuteranomaly
A05BE2



Tritanomaly
F73B94

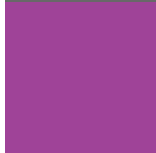
Monochromacy



Original Color
FF01EB



Achromatopsia
686868



Achromatomaly
9F4398

CSS Examples

Text

The CSS property to change the color of the text to Hex FF01EB 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 #FF01EB looks like.

```
.text, #text, p{  
    color:#FF01EB  
}
```

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 #FF01EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF01EB
}
```

Border

The CSS property to change the border of an element to Hex FF01EB 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
#FF01EB }
```

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

```
.border{ border-color:#FF01EB }
```

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

Here you see how a box with a 4 pixel #FF01EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF01EB; -webkit-box-shadow:4px 4px  
4px 4px #FF01EB; box-shadow:4px 4px 4px  
4px #FF01EB }
```

Background

The CSS property to change the background color of an element to Hex FF01EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF01EB }
```

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

```
.background{ background-color:#FF01EB }
```

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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