

Converting Colors

Hex(FF00ED)

Have a look what the booklet for
Hex(FF00ED) contains.

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Color

Hex(FF00ED)

Conversions

Conversions Part 1

Format	Color
Hex	FF00ED
RGB	255, 0, 237
RGB Percent	100%, 0%, 93%
CMY	0.0000, 1.0000, 0.0706
CMYK	0.00, 1.00, 0.07, 0.00
HSL	304°, 100%, 50%
HSV	304°, 100%, 100%
XYZ	56.5261, 27.3744, 82.4253
YIQ	103.2630, 75.9030, 127.7670

Conversions

Conversions Part 2

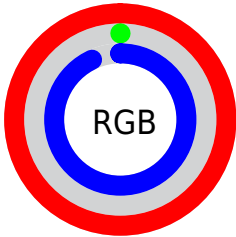
Format	Color
RYB	255, 0, 237
Decimal	16711917
CIELab	59.32, 95.82, -52.42
CIElCh	59, 109.222, 331.321
Yxy	27.3744, 0.3399, 0.1646
Android (android.graphics.Color)	4294901997 (0xFFFF00ED)
YUV	103.2630, 65.9323, 133.0733
Hunter-Lab	52.3206, 101.2867, -56.7805

Details

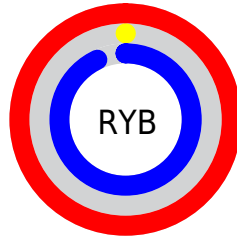
The Hex color **FF00ED** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **00FF12**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF69FF**, and **C100B4** is the 20% darker color. If you saturate the color by 10%, you get **FF00ED**, and if you desaturate by 10%, it is **FF19EF**.

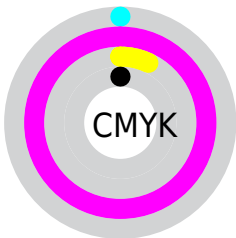
Distribution



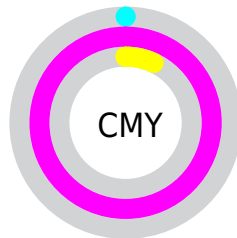
- Red (100%)
- Green (0%)
- Blue (93%)



- Red (100%)
- Yellow (0%)
- Blue (93%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF00ED 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 FF00ED by changing the saturation by 10% instead.

 FF00ED

 FF00ED

FFFFFF

 E000D0

 FF69FF

 C100B4

 FF89FF

 A30099

 FFA9FF

 85007E

 FFC8FF

 670065

 FFE7FF

 4B004C

 2C0034

 00001E

 000000

 FF00ED

 FF19EF

 FF33F1

 FF4DF2

 FF66F4

 FF80F6

 FF99F8

 FFB3FA

 FFCCFB

 FFE6FD

Harmonies

Analogous

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



7972FF



FF00ED



FF008F

Triad

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



FF00ED



AA8D00



00B4F2

Complementary

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



FF00ED



00FF12

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.



00B391



FF00ED



3FA400

Square

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



FF00ED



F36100



00AF22



00AFFF

Rectangle

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



FF00ED



FF0051



00AF22



00B5D3

Sweetspot

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



FF00ED



FFB3FA



1100FF



80527C



000000



808080

Same Dimension

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



FF00ED



FF006F



80737F



BF00B2



40003B

Inverse Universe

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



FF00ED



00FF90



80737F



BF00B2



40003B

Previews

White Background



This preview shows how the Hex color FF00ED looks on a white background.

Color Contrast Check

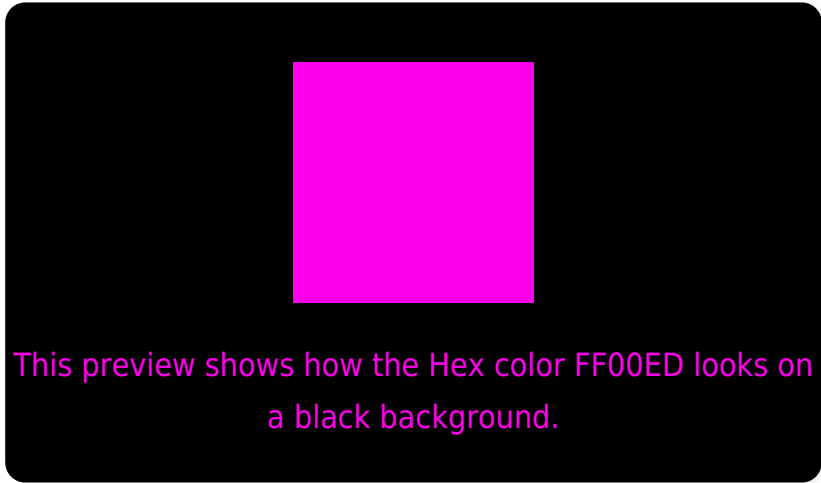
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF00ED Background



This preview shows how black text looks on a background with the Hex color FF00ED.

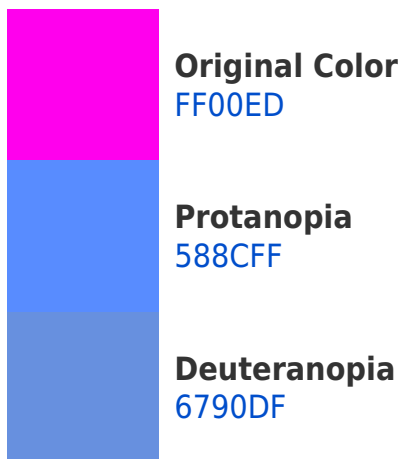


This preview shows how white text looks on a background with the Hex color FF00ED.

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



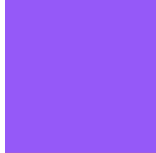


Tritanopia
F15D63

Trichromacy



Original Color
FF00ED



Protanomaly
9559F8



Deuteranomaly
9E5CE4



Tritanomaly
F63B95

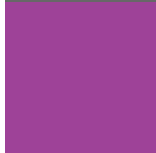
Monochromacy



Original Color
FF00ED



Achromatopsia
676767



Achromatomaly
9E4298

CSS Examples

Text

The CSS property to change the color of the text to Hex FF00ED 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 #FF00ED looks like.

```
.text, #text, p{  
    color:#FF00ED  
}
```

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 #FF00ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00ED
}
```

Border

The CSS property to change the border of an element to Hex FF00ED 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
#FF00ED }
```

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

```
.border{ border-color:#FF00ED }
```

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

Here you see how a box with a 4 pixel #FF00ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00ED; -webkit-box-shadow:4px 4px  
4px 4px #FF00ED; box-shadow:4px 4px 4px  
4px #FF00ED }
```

Background

The CSS property to change the background color of an element to Hex FF00ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00ED }
```

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

```
.background{ background-color:#FF00ED }
```

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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