

Converting Colors

Hex(FF00AA)

Have a look what the booklet for
Hex(FF00AA) contains.

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Color

Hex(F00AA)

Conversions

Conversions Part 1

Format	Color
Hex	FF00AA
RGB	255, 0, 170
RGB Percent	100%, 0%, 67%
CMY	0.0000, 1.0000, 0.3333
CMYK	0.00, 1.00, 0.33, 0.00
HSL	320°, 100%, 50%
HSV	320°, 100%, 100%
XYZ	48.4957, 24.1623, 40.1380
YIQ	95.6250, 97.4100, 106.9300

Conversions

Conversions Part 2

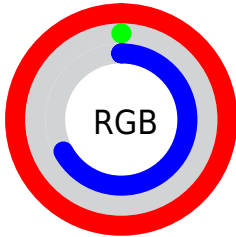
Format	Color
R_{YB}	255, 0, 170
Decimal	16711850
CIE _{Lab}	56.25, 88.12, -18.84
CIE _{LCh}	56, 90.107, 347.934
Yxy	24.1623, 0.4299, 0.2142
Android (android.graphics.Color)	4294901930 (0xFFFF00AA)
YUV	95.6250, 36.6669, 139.7719
Hunter-Lab	49.1551, 90.0838, -14.0051

Details

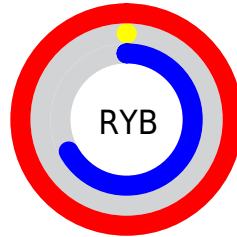
The Hex color **FF00AA** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00FF55**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF65E1**, and **C00076** is the 20% darker color. If you saturate the color by 10%, you get **FF00AA**, and if you desaturate by 10%, it is **FF19B3**.

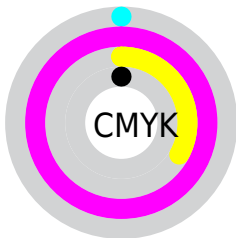
Distribution



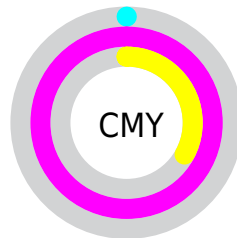
- Red (100%)
- Green (0%)
- Blue (67%)



- Red (100%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF00AA 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 FF00AA by changing the saturation by 10% instead.

 FF00AA

 FF00AA

FFFFFF

 E0008F

 FF65E1

 C00076

 FF86FE

 A2005D

 FFA5FF

 830045

 FFC4FF

 65002F

 FFE2FF

 48001A

 2A0001

 000000

 FF00AA

 FF19B3

 FF33BB

 FF4DC4

 FF66CC

 FF80D5

 FF99DD

 FFB3E6

 FFCCEE

 FFE6F7

Harmonies

Analogous

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



C155F1



FF00AA



FF005C

Triad

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



FF00AA



789200



00A5FB

Complementary

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



FF00AA



00FF55

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.



00A7B5



FF00AA



009F00

Square

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



FF00AA



BE7800



00A563



009AFF

Rectangle

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



FF00AA



FD3A29



00A563



00A6E6

Sweetspot

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



FF00AA



FFB3E6



5500FF



805270



000000



808080

Same Dimension

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



FF00AA



FF002B



80737B



BF0080



40002B

Inverse Universe

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



FF00AA



00FFD4



80737B



BF0080



40002B

Previews

White Background



This preview shows how the Hex color FF00AA looks on a white background.

Color Contrast Check

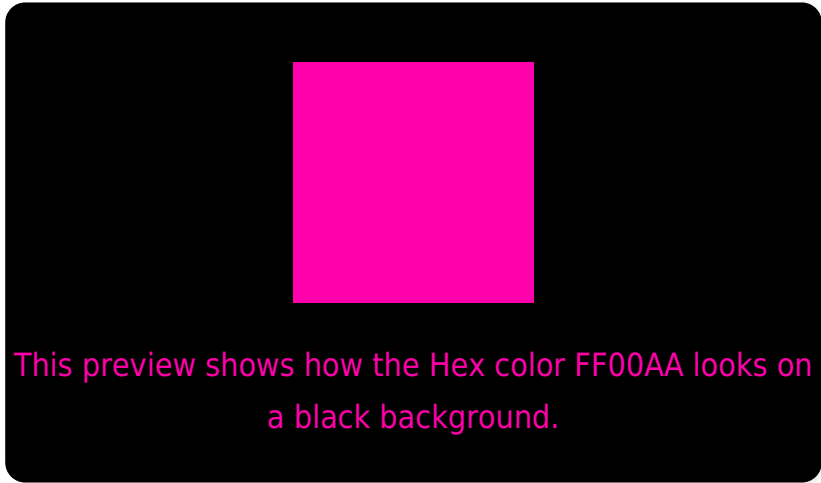
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF00AA Background



This preview shows how black text looks on a background with the Hex color FF00AA.



This preview shows how white text looks on a background with the Hex color FF00AA.

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
F84346

Trichromacy



Original Color
FF00AA



Protanomaly
9255D8



Deuteranomaly
B555A2



Tritanomaly
FB2B6A

Monochromacy



Original Color
FF00AA



Achromatopsia
606060



Achromatomaly
9A3D7B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF00AA 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 #FF00AA looks like.

```
.text, #text, p{  
    color:#FF00AA  
}
```

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 #FF00AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00AA
}
```

Border

The CSS property to change the border of an element to Hex FF00AA 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
#FF00AA }
```

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

```
.border{ border-color:#FF00AA }
```

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

Here you see how a box with a 4 pixel #FF00AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00AA; -webkit-box-shadow:4px 4px  
4px 4px #FF00AA; box-shadow:4px 4px 4px  
4px #FF00AA }
```

Background

The CSS property to change the background color of an element to Hex FF00AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00AA }
```

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

```
.background{ background-color:#FF00AA }
```

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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