

Converting Colors

Hex(FF00A7)

Have a look what the booklet for
Hex(FF00A7) contains.

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Color

Hex(F00A7)

Conversions

Conversions Part 1

Format	Color
Hex	FF00A7
RGB	255, 0, 167
RGB Percent	100%, 0%, 65%
CMY	0.0000, 1.0000, 0.3451
CMYK	0.00, 1.00, 0.35, 0.00
HSL	321°, 100%, 50%
HSV	321°, 100%, 100%
XYZ	48.2151, 24.0500, 38.6601
YIQ	95.2830, 98.3730, 105.9970

Conversions

Conversions Part 2

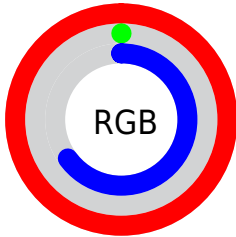
Format	Color
RYB	255, 0, 167
Decimal	16711847
CIELab	56.14, 87.83, -17.25
CIELCh	56, 89.504, 348.890
Yxy	24.0500, 0.4347, 0.2168
Android (android.graphics.Color)	4294901927 (0xFFFF00A7)
YUV	95.2830, 35.3565, 140.0718
Hunter-Lab	49.0408, 89.6729, -12.4112

Details

The Hex color **FF00A7** 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 **00FF58**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF65DE**, and **C00073** is the 20% darker color. If you saturate the color by 10%, you get **FF00A7**, and if you desaturate by 10%, it is **FF19B0**.

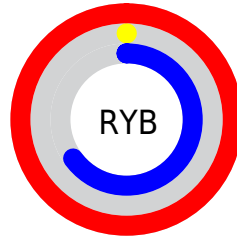
Distribution



Red (100%)

Green (0%)

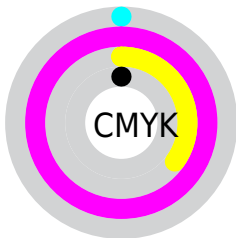
Blue (65%)



Red (100%)

Yellow (0%)

Blue (65%)

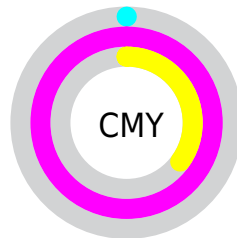


Cyan (0%)

Magenta (100%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF00A7 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 FF00A7 by changing the saturation by 10% instead.

 FF00A7

 FF00A7

FFFFFF

 E0008D

 FF65DE

 C00073

 FF85FB

 A2005A

 FFA5FF

 830043

 FFC3FF

 65002C

 FFE2FF

 480018

 290001

 000000

 FF00A7

 FF19B0

 FF33B9

 FF4DC1

 FF66CA

 FF80D3

 FF99DC

 FFB3E5

 FFCCED

 FFE6F6

Harmonies

Analogous

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



C353EE



FF00A7



FF005A

Triad

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



FF00A7



759200



00A4FC

Complementary

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



FF00A7



00FF58

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.



00A7B7



FF00A7



009F00

Square

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



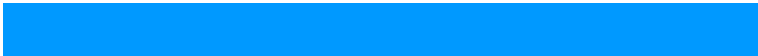
FF00A7



BB7900



00A566



0099FF

Rectangle

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



FF00A7



FB3D27



00A566



00A6E8

Sweetspot

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



FF00A7



FFB3E5



5500FF



805270



000000



808080

Same Dimension

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



FF00A7



FF002B



80737B



BF007D



40002A

Inverse Universe

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



FF00A7



00FFD4



80737B



BF007D



40002A

Previews

White Background



This preview shows how the Hex color FF00A7 looks on a white background.

Color Contrast Check

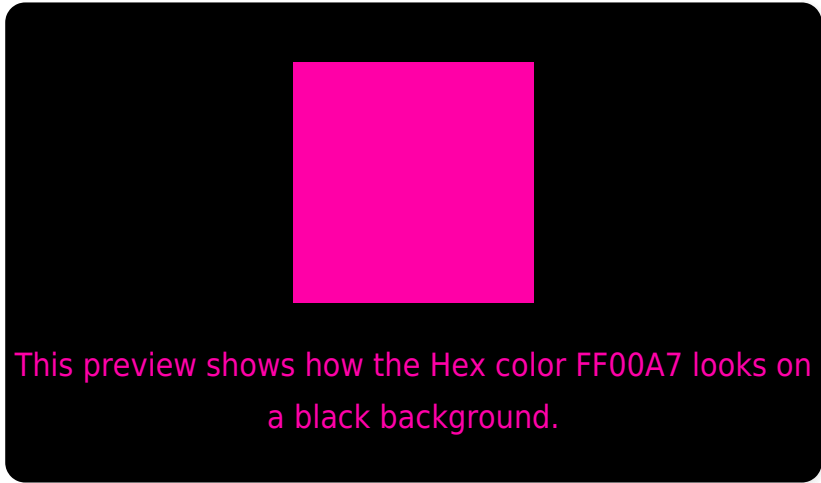
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF00A7 Background



This preview shows how black text looks on a background with the Hex color FF00A7.




This preview shows how white text looks on a background with the Hex color FF00A7.

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
F94244

Trichromacy



Original Color
FF00A7



Protanomaly
9454D5



Deuteranomaly
B654A0



Tritanomaly
FB2A68

Monochromacy



Original Color
FF00A7



Achromatopsia
5F5F5F



Achromatomaly
993C79

CSS Examples

Text

The CSS property to change the color of the text to Hex FF00A7 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 #FF00A7 looks like.

```
.text, #text, p{  
    color:#FF00A7  
}
```

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 #FF00A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00A7
}
```

Border

The CSS property to change the border of an element to Hex FF00A7 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
#FF00A7 }
```

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

```
.border{ border-color:#FF00A7 }
```

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

Here you see how a box with a 4 pixel #FF00A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00A7; -webkit-box-shadow:4px 4px  
4px 4px #FF00A7; box-shadow:4px 4px 4px  
4px #FF00A7 }
```

Background

The CSS property to change the background color of an element to Hex FF00A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00A7 }
```

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

```
.background{ background-color:#FF00A7 }
```

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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