

# Converting Colors

Hex(FF00A4)

Have a look what the booklet for  
Hex(FF00A4) contains.

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**Color**

**Hex(F00A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF00A4
RGB	255, 0, 164
RGB Percent	100%, 0%, 64%
CMY	0.0000, 1.0000, 0.3569
CMYK	0.00, 1.00, 0.36, 0.00
HSL	321°, 100%, 50%
HSV	321°, 100%, 100%
XYZ	47.9408, 23.9403, 37.2161
YIQ	94.9410, 99.3360, 105.0640

# Conversions

## Conversions Part 2

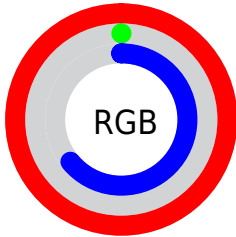
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 0, 164
Decimal	16711844
CIELab	56.03, 87.54, -15.65
CIELCh	56, 88.931, 349.864
Yxy	23.9403, 0.4394, 0.2194
Android (android.graphics.Color)	4294901924 (0xFFFF00A4)
YUV	94.9410, 34.0461, 140.3717
Hunter-Lab	48.9289, 89.2700, -10.8468

# Details

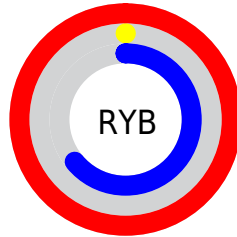
The Hex color **FF00A4** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00FF5B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF65DB**, and **C00070** is the 20% darker color. If you saturate the color by 10%, you get **FF00A4**, and if you desaturate by 10%, it is **FF19AD**.

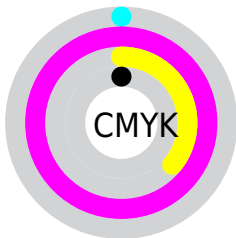
# Distribution



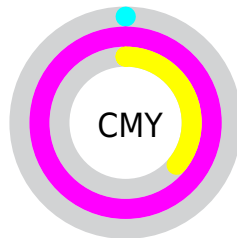
- Red (100%)
- Green (0%)
- Blue (64%)



- Red (100%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF00A4 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 FF00A4 by changing the saturation by 10% instead.



 FF00A4

 FF00A4

FFFFFF

 DF008A

 FF65DB

 C00070

 FF85F8

 A10058

 FFA4FF

 830040

 FFC3FF

 65002A

 FFE2FF

 470015

 280001

 000000

 FF00A4

 FF19AD

 FF33B6

 FF4DBF

 FF66C8

 FF80D2

 FF99DB

 FFB3E4

 FFCCED

 FFE6F6

# Harmonies

## Analogous

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



C652EB



FF00A4



FF0958

# Triad

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



FF00A4



729200



00A4FD

# Complementary

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



FF00A4



00FF5B

# 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.



00A7B9



FF00A4



009F01

# Square

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



FF00A4



B97A00



00A568



0098FF

# Rectangle

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



FF00A4



F94024



00A568



00A5E9



# Sweetspot

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



FF00A4



FFB3E4



5900FF



80526F



000000



808080



# Same Dimension

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



FF00A4



FF0026



80737B



BF007B



400029

# Inverse Universe

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



FF00A4



00FFD9



80737B



BF007B



400029

# Previews

## White Background



This preview shows how the Hex color FF00A4 looks on a white background.

## Color Contrast Check

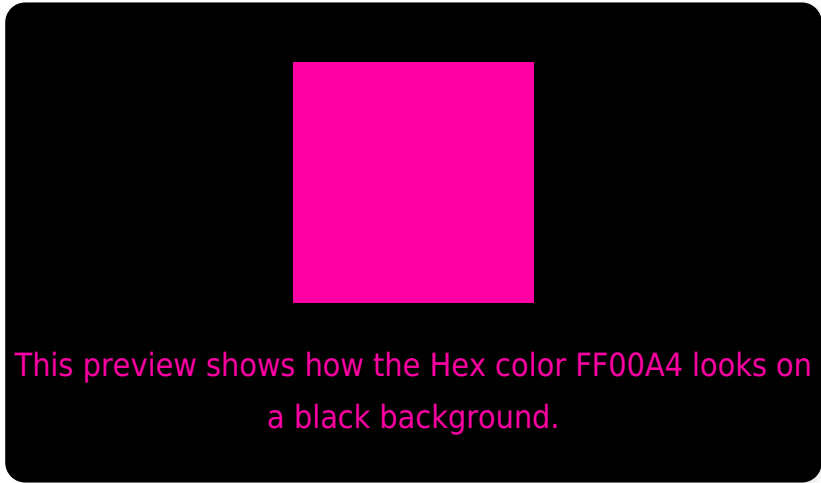
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF00A4 Background



This preview shows how black text looks on a background with the Hex color FF00A4.



This preview shows how white text looks on a background with the Hex color FF00A4.

# 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**  
F94143

# Trichromacy



**Original Color**  
FF00A4



**Protanomaly**  
9654D1



**Deuteranomaly**  
B6549D

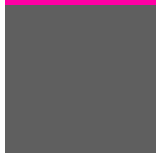


**Tritanomaly**  
FB2966

# Monochromacy



**Original Color**  
FF00A4



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
993C78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF00A4 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 #FF00A4 looks like.

```
.text, #text, p{  
    color:#FF00A4  
}
```

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 #FF00A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00A4
}
```

## Border

The CSS property to change the border of an element to Hex FF00A4 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
#FF00A4 }
```

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

```
.border{ border-color:#FF00A4 }
```

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

Here you see how a box with a 4 pixel #FF00A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00A4; -webkit-box-shadow:4px 4px  
4px 4px #FF00A4; box-shadow:4px 4px 4px  
4px #FF00A4 }
```

# Background

The CSS property to change the background color of an element to Hex FF00A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00A4 }
```

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

```
.background{ background-color:#FF00A4 }
```

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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