

Converting Colors

Hex(FF00C4)

Have a look what the booklet for
Hex(FF00C4) contains.

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Color

Hex(**FF00C4**)

Conversions

Conversions Part 1

Format	Color
Hex	FF00C4
RGB	255, 0, 196
RGB Percent	100%, 0%, 77%
CMY	0.0000, 1.0000, 0.2314
CMYK	0.00, 1.00, 0.23, 0.00
HSL	314°, 100%, 50%
HSV	314°, 100%, 100%
XYZ	51.2038, 25.2455, 54.3987
YIQ	98.5890, 89.0640, 115.0160

Conversions

Conversions Part 2

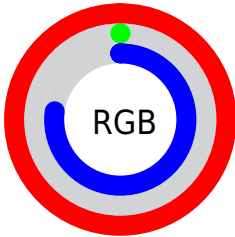
Format	Color
R_{YB}	255, 0, 196
Decimal	16711876
CIE _{Lab}	57.31, 90.83, -32.30
CIE _{LCh}	57, 96.403, 340.427
Yxy	25.2455, 0.3913, 0.1929
Android (android.graphics.Color)	4294901956 (0xFFFF00C4)
YUV	98.5890, 48.0236, 137.1724
Hunter-Lab	50.2449, 93.9779, -29.0201

Details

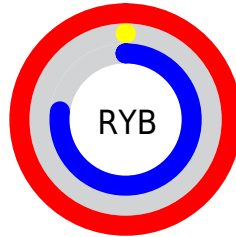
The Hex color **FF00C4** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00FF3B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF66FD**, and **C1008E** is the 20% darker color. If you saturate the color by 10%, you get **FF00C4**, and if you desaturate by 10%, it is **FF19CA**.

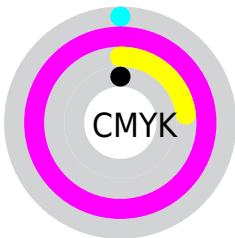
Distribution



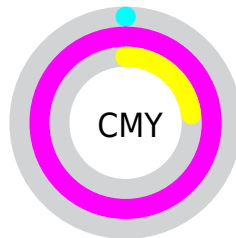
- Red (100%)
- Green (0%)
- Blue (77%)



- Red (100%)
- Yellow (0%)
- Blue (77%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF00C4 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 FF00C4 by changing the saturation by 10% instead.

 FF00C4

 FF00C4

FFFFFF

 E000A9

 FF66FD

 C1008E

 FF87FF

 A20074

 FFA6FF

 84005B

 FFC5FF

 670043

 FFE4FF

 4A002C

 2C0016

 000000

 FF00C4

 FF19CA

 FF33D0

 FF4DD6

 FF66DC

 FF80E2

 FF99E7

 FFB3ED

 FFCCF3

 FFE6F9

Harmonies

Analogous

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



AB61FF



FF00C4



FF0071

Triad

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



FF00C4



8D9000



00ABF6

Complementary

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



FF00C4



00FF3B

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.



00ACA6



FF00C4



0AA100

Square

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



FF00C4



D37000



00A84C



00A2FF

Rectangle

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



FF00C4



FF153A



00A84C



00ACDE

Sweetspot

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



FF00C4



FFB3ED



3700FF



805275



000000



808080

Same Dimension

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



FF00C4



FF0048



80737D



BF0093



400031

Inverse Universe

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



FF00C4



00FFB7



80737D



BF0093



400031

Previews

White Background



This preview shows how the Hex color FF00C4 looks on a white background.

Color Contrast Check

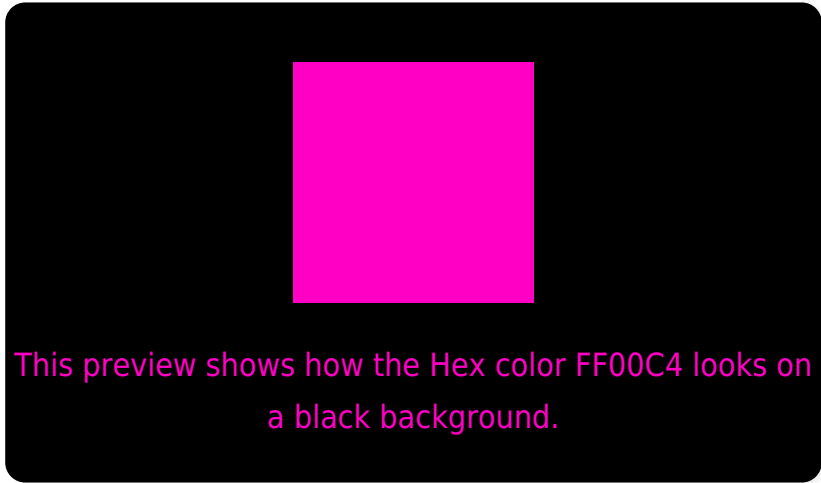
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF00C4 Background



This preview shows how black text looks on a background with the Hex color FF00C4.



This preview shows how white text looks on a background with the Hex color FF00C4.

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
F64D51

Trichromacy



Original Color
FF00C4



Protanomaly
8E56EA



Deuteranomaly
AE57BC



Tritanomaly
F9317B

Monochromacy



Original Color
FF00C4



Achromatopsia
636363



Achromatomaly
9C3F86

CSS Examples

Text

The CSS property to change the color of the text to Hex FF00C4 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 #FF00C4 looks like.

```
.text, #text, p{  
    color:#FF00C4  
}
```

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 #FF00C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00C4
}
```

Border

The CSS property to change the border of an element to Hex FF00C4 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
#FF00C4 }
```

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

```
.border{ border-color:#FF00C4 }
```

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

Here you see how a box with a 4 pixel #FF00C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00C4; -webkit-box-shadow:4px 4px  
4px 4px #FF00C4; box-shadow:4px 4px 4px  
4px #FF00C4 }
```

Background

The CSS property to change the background color of an element to Hex FF00C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00C4 }
```

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

```
.background{ background-color:#FF00C4 }
```

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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