

# Converting Colors

Hex(FA00B8)

Have a look what the booklet for  
Hex(FA00B8) contains.

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**Color**

**Hex(FA00B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA00B8
RGB	250, 0, 184
RGB Percent	98%, 0%, 72%
CMY	0.0196, 1.0000, 0.2784
CMYK	0.00, 1.00, 0.26, 0.02
HSL	316°, 100%, 49%
HSV	316°, 100%, 98%
XYZ	48.0761, 23.7847, 47.4044
YIQ	95.7260, 89.9360, 110.2240

# Conversions

## Conversions Part 2

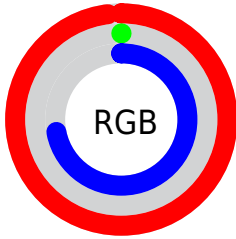
<b>Format</b>	<b>Color</b>
<b>RYB</b>	250, 0, 184
Decimal	16384184
CIELab	55.87, 88.59, -27.67
CIElCh	56, 92.811, 342.657
Yxy	23.7847, 0.4031, 0.1994
Android (android.graphics.Color)	4294574264 (0xFFFA00B8)
YUV	95.7260, 43.5191, 135.2983
Hunter-Lab	48.7695, 90.6151, -23.4917

# Details

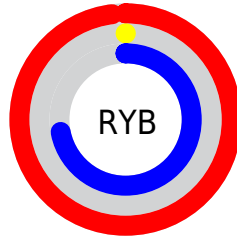
The Hex color **FA00B8** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **00FA42**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF65F0**, and **BC0083** is the 20% darker color. If you saturate the color by 10%, you get **FA00B8**, and if you desaturate by 10%, it is **FA19BF**.

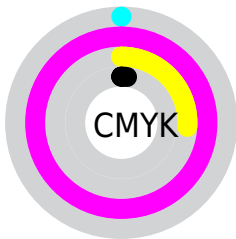
# Distribution



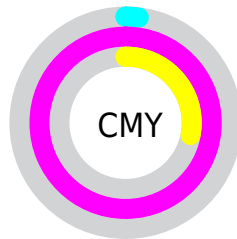
- Red (98%)
- Green (0%)
- Blue (72%)



- Red (98%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA00B8 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 FA00B8 by changing the saturation by 10% instead.



 FA00B8

 FA00B8

FFFFFF

 DB009D

 FF65F0

 BC0083

 FF85FF

 9E0069

 FFA4FF

 800051

 FFC3FF

 620039

 FFE2FF

 450023

 280009

 000000

 FA00B8

 FA19BF

 FA32C5

 FA4BCC

 FA64D2

 FA7DD9

 FA96E0

 FAAFE6

 FAC8ED

 FAE1F3

# Harmonies

## Analogous

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



AF5BFE



FA00B8



FF0068

# Triad

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



FA00B8



848D00



00A6F3

# Complementary

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



FA00B8



00FA42

# 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.



00A7A7



FA00B8



009D00

# Square

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



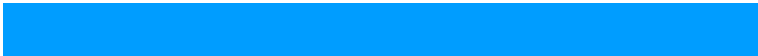
FA00B8



C87000



00A452



009DFF

# Rectangle

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



FA00B8



FF2534



00A452



00A7DC



# Sweetspot

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



FA00B8



FFB3EB



3F00FA



805273



000000



808080



# Same Dimension

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



FA00B8



FF00BC



FA003F



7D707A



BD008B



3D002D



# Inverse Universe

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



FA00B8



FF00BC



00FABB



7D707A



BD008B



3D002D



# Previews

## White Background



This preview shows how the Hex color FA00B8 looks on a white background.

## Color Contrast Check

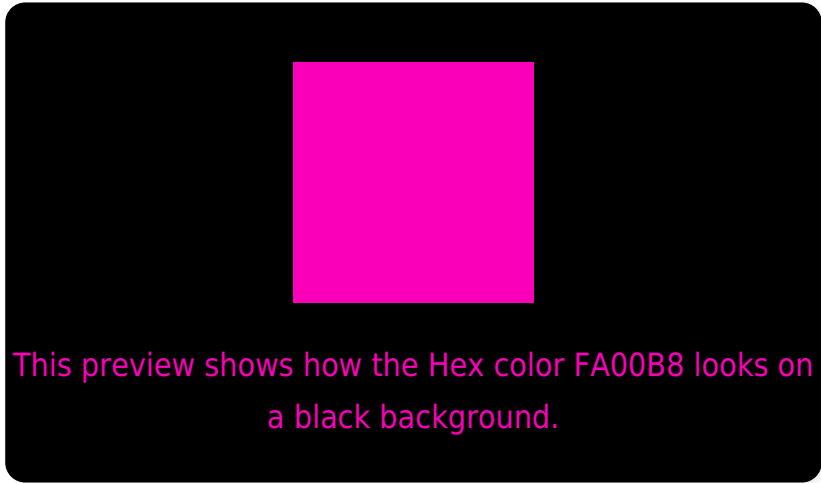
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA00B8 Background



This preview shows how black text looks on a background with the Hex color FA00B8.



This preview shows how white text looks on a background with the Hex color FA00B8.

# 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**  
F2494C

# Trichromacy



**Original Color**  
FA00B8



**Protanomaly**  
8653E5



**Deuteranomaly**  
AD55B0



**Tritanomaly**  
F52E73

# Monochromacy



**Original Color**  
FA00B8



**Achromatopsia**  
606060



**Achromatomaly**  
983D80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA00B8 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 #FA00B8 looks like.

```
.text, #text, p{  
  color:#FA00B8  
}
```

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 #FA00B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA00B8
}
```

## Border

The CSS property to change the border of an element to Hex FA00B8 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
#FA00B8 }
```

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

```
.border{ border-color:#FA00B8 }
```

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

Here you see how a box with a 4 pixel #FA00B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA00B8; -webkit-box-shadow:4px 4px  
4px 4px #FA00B8; box-shadow:4px 4px 4px  
4px #FA00B8 }
```

# Background

The CSS property to change the background color of an element to Hex FA00B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA00B8 }
```

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

```
.background{ background-color:#FA00B8 }
```

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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