

Converting Colors

Hex(FA00B1)

Have a look what the booklet for
Hex(FA00B1) contains.

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Color

Hex(FA00B1)

Conversions

Conversions Part 1

Format	Color
Hex	FA00B1
RGB	250, 0, 177
RGB Percent	98%, 0%, 69%
CMY	0.0196, 1.0000, 0.3059
CMYK	0.00, 1.00, 0.29, 0.02
HSL	318°, 100%, 49%
HSV	318°, 100%, 98%
XYZ	47.3602, 23.4983, 43.6344
YIQ	94.9280, 92.1830, 108.0470

Conversions

Conversions Part 2

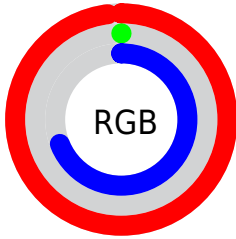
Format	Color
R_{YB}	250, 0, 177
Decimal	16384177
CIE _{Lab}	55.58, 87.85, -24.04
CIE _{LCh}	56, 91.081, 344.699
Yxy	23.4983, 0.4137, 0.2052
Android (android.graphics.Color)	4294574257 (0xFFFA00B1)
YUV	94.9280, 40.4615, 135.9981
Hunter-Lab	48.4751, 89.5632, -19.4369

Details

The Hex color **FA00B1** 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 **00FA49**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF65E9**, and **BC007C** is the 20% darker color. If you saturate the color by 10%, you get **FA00B1**, and if you desaturate by 10%, it is **FA19B8**.

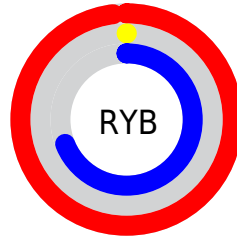
Distribution



Red (98%)

Green (0%)

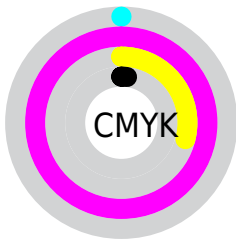
Blue (69%)



Red (98%)

Yellow (0%)

Blue (69%)

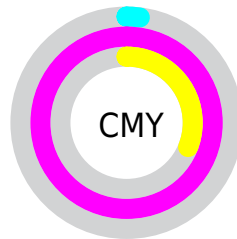


Cyan (0%)

Magenta (100%)

Yellow (29%)

Black (2%)



Cyan (2%)

Magenta (100%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA00B1 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 FA00B1 by changing the saturation by 10% instead.

 FA00B1

 FA00B1

FFFFFF

 DB0096

 FF65E9

 BC007C

 FF85FF

 9D0063

 FFA4FF

 7F004B

 FFC3FF

 610034

 FFE1FF

 45001F

 270001

 000000

 FA00B1

 FA19B8

 FA32C0

 FA4BC7

 FA64CE

 FA7DD6

 FA96DD

 FAAFE4

 FAC8EB

 FAE1F3

Harmonies

Analogous

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



B558F7



FA00B1



FF0063

Triad

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



FA00B1



7E8E00



00A4F4

Complementary

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



FA00B1



00FA49

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.



00A6AB



FA00B1



009C00

Square

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



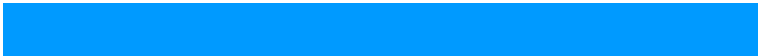
FA00B1



C27300



00A358



009AFF

Rectangle

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



FA00B1



FF2E2F



00A358



00A5DE

Sweetspot

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



FA00B1



FFB3E9



4700FA



805272



000000



808080

Same Dimension

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



FA00B1



FF00B5



FA0036



7D7079



BD0086



3D002B

Inverse Universe

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



FA00B1



FF00B5



00FAC4



7D7079



BD0086



3D002B

Previews

White Background



This preview shows how the Hex color FA00B1 looks on a white background.

Color Contrast Check

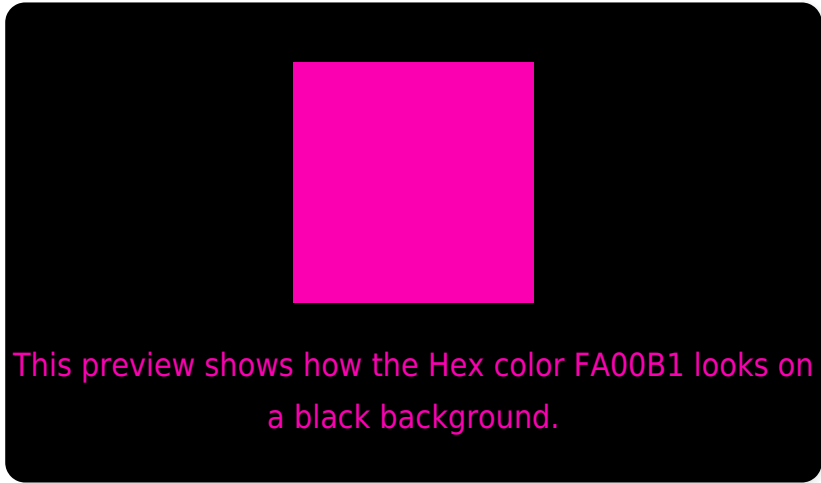
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA00B1 Background



This preview shows how black text looks on a background with the Hex color FA00B1.



This preview shows how white text looks on a background with the Hex color FA00B1.

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



Original Color
FA00B1

Protanopia
4683FC

Deuteranopia
8484A5



Tritanopia
F34649

Trichromacy



Original Color
FA00B1



Protanomaly
8753E1



Deuteranomaly
AF54A9



Tritanomaly
F62D6F

Monochromacy



Original Color
FA00B1



Achromatopsia
5F5F5F



Achromatomaly
973C7D

CSS Examples

Text

The CSS property to change the color of the text to Hex FA00B1 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 #FA00B1 looks like.

```
.text, #text, p{  
    color:#FA00B1  
}
```

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 #FA00B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA00B1
}
```

Border

The CSS property to change the border of an element to Hex FA00B1 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
#FA00B1 }
```

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

```
.border{ border-color:#FA00B1 }
```

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

Here you see how a box with a 4 pixel #FA00B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA00B1; -webkit-box-shadow:4px 4px  
4px 4px #FA00B1; box-shadow:4px 4px 4px  
4px #FA00B1 }
```

Background

The CSS property to change the background color of an element to Hex FA00B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA00B1 }
```

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

```
.background{ background-color:#FA00B1 }
```

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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