

Converting Colors

Hex(FB00A7)

Have a look what the booklet for
Hex(FB00A7) contains.

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Color

Hex(FB00A7)

Conversions

Conversions Part 1

Format	Color
Hex	FB00A7
RGB	251, 0, 167
RGB Percent	98%, 0%, 65%
CMY	0.0157, 1.0000, 0.3451
CMYK	0.00, 1.00, 0.33, 0.02
HSL	320°, 100%, 49%
HSV	320°, 100%, 98%
XYZ	46.7587, 23.2993, 38.5920
YIQ	94.0870, 95.9890, 105.1490

Conversions

Conversions Part 2

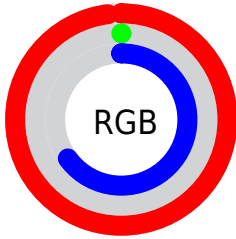
Format	Color
RYB	251, 0, 167
Decimal	16449703
CIELab	55.38, 87.04, -18.47
CIELCh	55, 88.979, 348.019
Yxy	23.2993, 0.4304, 0.2144
Android (android.graphics.Color)	4294639783 (0xFFFB00A7)
YUV	94.0870, 35.9461, 137.6127
Hunter-Lab	48.2693, 88.4426, -13.6147

Details

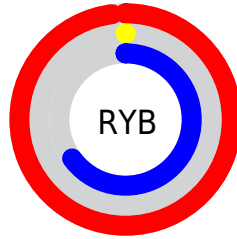
The Hex color **FB00A7** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00FB54**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF64DE**, and **BD0073** is the 20% darker color. If you saturate the color by 10%, you get **FB00A7**, and if you desaturate by 10%, it is **FB19AF**.

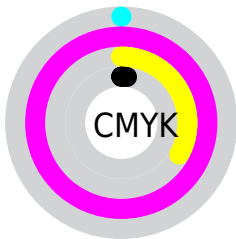
Distribution



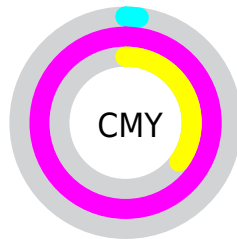
- Red (98%)
- Green (0%)
- Blue (65%)



- Red (98%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB00A7 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 FB00A7 by changing the saturation by 10% instead.

 FB00A7

 FB00A7

FFFFFF

 DC008D

 FF64DE

 BD0073

 FF85FB

 9E005A

 FFA4FF

 800043

 FFC2FF

 62002C

 FFE1FF

 440017

 260001

 000000

 FB00A7

 FB19AF

 FB32B8

 FB4BC0

 FB64C9

 FB7ED1

 FB97D9

 FBB0E2

 FBC9EA

 FBE2F3

Harmonies

Analogous

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



BE53ED



FB00A7



FF005B

Triad

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



FB00A7



768F00



00A2F7

Complementary

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



FB00A7



00FB54

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.



00A5B3



FB00A7



009C00

Square

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



FB00A7



BA7600



00A362



0097FF

Rectangle

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



FB00A7



F93A28



00A362



00A4E3

Sweetspot

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



FB00A7



FFB3E5



5400FB



805270



000000



808080

Same Dimension

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



FB00A7



FF00AA



FB002A



7D7079



BD007E



3D0029

Inverse Universe

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



FB00A7



FF00AA



00FBD1



7D7079



BD007E



3D0029

Previews

White Background



This preview shows how the Hex color FB00A7 looks on a white background.

Color Contrast Check

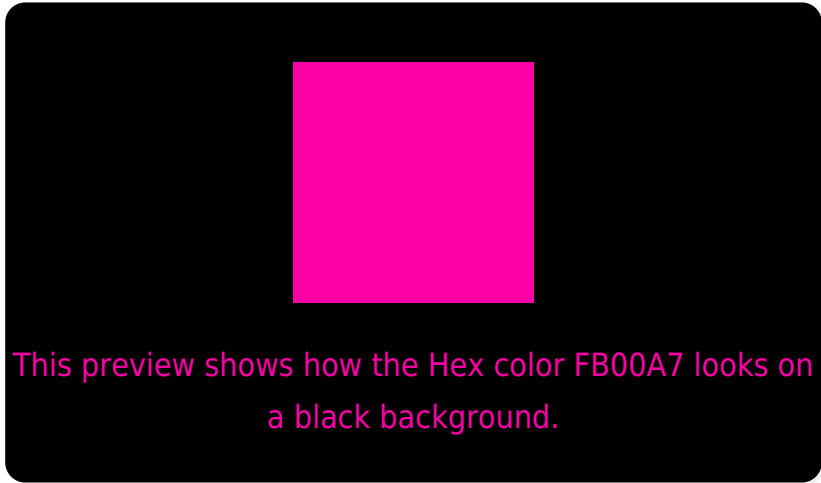
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB00A7 Background



This preview shows how black text looks on a background with the Hex color FB00A7.



This preview shows how white text looks on a background with the Hex color FB00A7.

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
F54245

Trichromacy



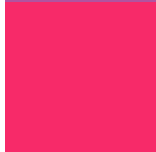
Original Color
FB00A7



Protanomaly
9053D5



Deuteranomaly
B253A0



Tritanomaly
F72A69

Monochromacy



Original Color
FB00A7



Achromatopsia
5E5E5E



Achromatomaly
973C79

CSS Examples

Text

The CSS property to change the color of the text to Hex FB00A7 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 #FB00A7 looks like.

```
.text, #text, p{  
    color:#FB00A7  
}
```

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 #FB00A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB00A7
}
```

Border

The CSS property to change the border of an element to Hex FB00A7 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
#FB00A7 }
```

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

```
.border{ border-color:#FB00A7 }
```

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

Here you see how a box with a 4 pixel #FB00A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB00A7; -webkit-box-shadow:4px 4px  
4px 4px #FB00A7; box-shadow:4px 4px 4px  
4px #FB00A7 }
```

Background

The CSS property to change the background color of an element to Hex FB00A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB00A7 }
```

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

```
.background{ background-color:#FB00A7 }
```

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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