

Converting Colors

Hex(FB007F)

Have a look what the booklet for
Hex(FB007F) contains.

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Color

Hex(FB007F)

Conversions

Conversions Part 1

Format	Color
Hex	FB007F
RGB	251, 0, 127
RGB Percent	98%, 0%, 50%
CMY	0.0157, 1.0000, 0.5020
CMYK	0.00, 1.00, 0.49, 0.02
HSL	330°, 100%, 49%
HSV	330°, 100%, 98%
XYZ	43.6144, 22.0415, 22.0344
YIQ	89.5270, 108.8290, 92.7090

Conversions

Conversions Part 2

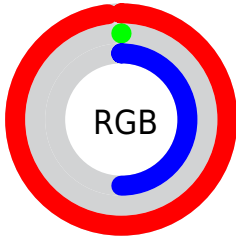
Format	Color
R_{YB}	251, 0, 127
Decimal	16449663
CIE _{Lab}	54.07, 83.63, 3.39
CIE _{LCh}	54, 83.695, 2.323
Yxy	22.0415, 0.4974, 0.2514
Android (android.graphics.Color)	4294639743 (0xFFFB007F)
YUV	89.5270, 18.4742, 141.6118
Hunter-Lab	46.9484, 83.6643, 5.0372

Details

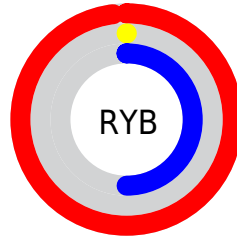
The Hex color **FB007F** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **00FB7C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF63B3**, and **BB004E** is the 20% darker color. If you saturate the color by 10%, you get **FB007F**, and if you desaturate by 10%, it is **FB198B**.

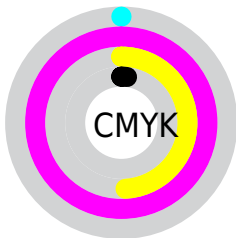
Distribution



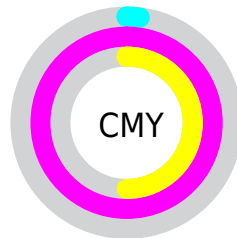
- Red (98%)
- Green (0%)
- Blue (50%)



- Red (98%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB007F 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 FB007F by changing the saturation by 10% instead.

 FB007F

 FB007F

FFFFFF

 DB0066

 FF63B3

 BB004E

 FF83CF

 9C0038

 FFA1EB

 7D0023

 FFC0FF

 5E000C

 FFDFFF

 400003

 FFFDFD

 1C0001

 000000

 FB007F

 FB198B

 FB3298

 FB4BA4

 FB64B1

 FB7EBD

 FB97C9

 FBB0D6

 FBC9E2

 FBE2EF

Harmonies

Analogous

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



D93BC6



FB007F



F43439

Triad

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



FB007F



4C9200



009AFF

Complementary

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



FB007F



00FB7C

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.



009FCD



FB007F



009B38

Square

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



FB007F



988000



009F85



0089FF

Rectangle

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



FB007F



DF5500



009F85



009CF4

Sweetspot

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



FB007F



FFB3D9



7900FB



805269



000000



808080

Same Dimension

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



FB007F



FF0081



FB0004



7D7077



BD005F



3D001F

Inverse Universe

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



FB007F



FF0081



00FBF7



7D7077



BD005F



3D001F

Previews

White Background



This preview shows how the Hex color FB007F looks on a white background.

Color Contrast Check

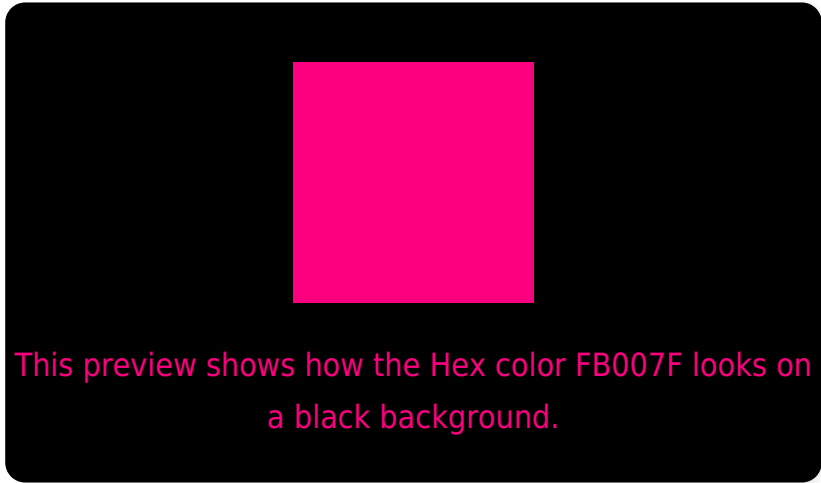
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB007F Background



This preview shows how black text looks on a background with the Hex color FB007F.



This preview shows how white text looks on a background with the Hex color FB007F.

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
F73233

Trichromacy



Original Color
FB007F



Protanomaly
A452A3



Deuteranomaly
B95079



Tritanomaly
F8204F

Monochromacy



Original Color
FB007F



Achromatopsia
5A5A5A



Achromatomaly
953967

CSS Examples

Text

The CSS property to change the color of the text to Hex FB007F 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 #FB007F looks like.

```
.text, #text, p{  
    color:#FB007F  
}
```

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 #FB007F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB007F
}
```

Border

The CSS property to change the border of an element to Hex FB007F 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
#FB007F }
```

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

```
.border{ border-color:#FB007F }
```

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

Here you see how a box with a 4 pixel #FB007F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB007F; -webkit-box-shadow:4px 4px  
4px 4px #FB007F; box-shadow:4px 4px 4px  
4px #FB007F }
```

Background

The CSS property to change the background color of an element to Hex FB007F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB007F }
```

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

```
.background{ background-color:#FB007F }
```

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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