

Converting Colors

Hex(FB1F7E)

Have a look what the booklet for
Hex(FB1F7E) contains.

Hex(FB1F7E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FB1F7E)

Conversions

Conversions Part 1

Format	Color
Hex	FB1F7E
RGB	251, 31, 126
RGB Percent	98%, 12%, 49%
CMY	0.0157, 0.8784, 0.5059
CMYK	0.00, 0.88, 0.50, 0.02
HSL	334°, 96%, 55%
HSV	334°, 88%, 98%
XYZ	44.0395, 22.9956, 21.8561
YIQ	107.6100, 100.6250, 76.1850

Conversions

Conversions Part 2

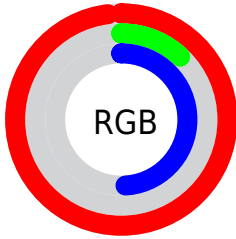
Format	Color
R_{YB}	251, 31, 126
Decimal	16457598
CIE _{Lab}	55.07, 80.58, 5.43
CIE _{LCh}	55, 80.761, 3.854
Yxy	22.9956, 0.4954, 0.2587
Android (android.graphics.Color)	4294647678 (0xFFFB1F7E)
YUV	107.6100, 9.0663, 125.7530
Hunter-Lab	47.9537, 80.0113, 6.5447

Details

The Hex color **FB1F7E** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **1FFB9C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6BB2**, and **BC004E** is the 20% darker color. If you saturate the color by 10%, you get **FB0670**, and if you desaturate by 10%, it is **FB388C**.

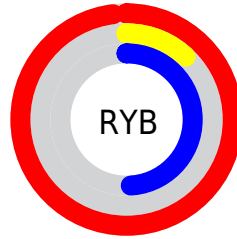
Distribution



Red (98%)

Green (12%)

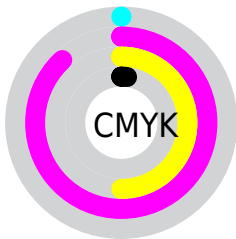
Blue (49%)



Red (98%)

Yellow (12%)

Blue (49%)

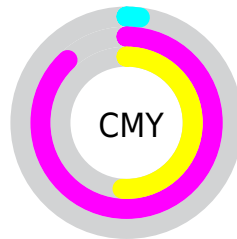


Cyan (0%)

Magenta (88%)

Yellow (50%)

Black (2%)



Cyan (2%)

Magenta (88%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB1F7E 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 FB1F7E by changing the saturation by 10% instead.

 FB1F7E

 FB1F7E

FFFFFF

 DB0065

 FF6BB2

 BC004E

 FF8ACE

 9C0037

 FFA8EA

 7D0022

 FFC7FF

 5F000B

 FFE5FF

 400003

 1E0001

 000000

 FB1F7E

 FB1F7E

 FB0670

 FB388C

 FB006C

 FB519B

 FB6AA9

 FB83B7

 FB9DC5

 FBB6D4

 FBCFE2

 FBE8F0

 FBFFFE

Harmonies

Analogous

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



DC41C3



FB1F7E



F33F3A

Triad

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



FB1F7E



4D9500



009BFF

Complementary

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



FB1F7E



1FFB9C

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.



00A1D1



FB1F7E



009E41

Square

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



FB1F7E



988400



00A18B



008AFF

Rectangle

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



FB1F7E



DD5B00



00A18B



009EF5

Sweetspot

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



FB1F7E



FFBDD9



9C1FFB



805869



000000



808080

Same Dimension

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



FB1F7E



FF006E



FB2E1F



7D7076



BD0051



3D001A

Inverse Universe

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



FB1F7E



FF006E



1FECFB



7D7076



BD0051



3D001A

Previews

White Background



This preview shows how the Hex color FB1F7E looks on a white background.

Color Contrast Check

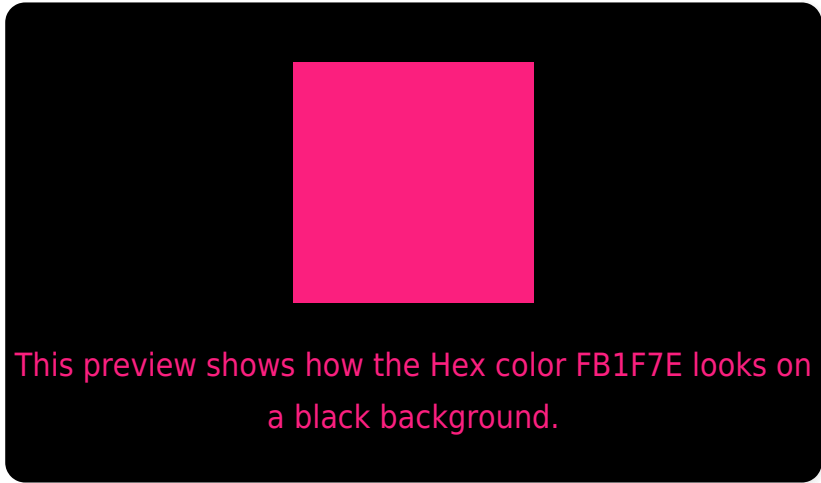
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB1F7E Background



This preview shows how black text looks on a background with the Hex color FB1F7E.



This preview shows how white text looks on a background with the Hex color FB1F7E.

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
F83839

Trichromacy



Original Color
FB1F7E



Protanomaly
A75F9F



Deuteranomaly
BB5C78



Tritanomaly
F92F52

Monochromacy



Original Color
FB1F7E



Achromatopsia
6C6C6C



Achromatomaly
A05073

CSS Examples

Text

The CSS property to change the color of the text to Hex FB1F7E 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 #FB1F7E looks like.

```
.text, #text, p{  
    color:#FB1F7E  
}
```

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 #FB1F7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB1F7E
}
```

Border

The CSS property to change the border of an element to Hex FB1F7E 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
#FB1F7E }
```

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

```
.border{ border-color:#FB1F7E }
```

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

Here you see how a box with a 4 pixel #FB1F7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB1F7E; -webkit-box-shadow:4px 4px  
4px 4px #FB1F7E; box-shadow:4px 4px 4px  
4px #FB1F7E }
```

Background

The CSS property to change the background color of an element to Hex FB1F7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB1F7E }
```

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

```
.background{ background-color:#FB1F7E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor