

# Converting Colors

Hex(FB227F)

Have a look what the booklet for  
Hex(FB227F) contains.

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**Color**

**Hex(FB227F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB227F
RGB	251, 34, 127
RGB Percent	98%, 13%, 50%
CMY	0.0157, 0.8667, 0.5020
CMYK	0.00, 0.86, 0.49, 0.02
HSL	334°, 96%, 56%
HSV	334°, 86%, 98%
XYZ	44.1865, 23.1856, 22.2251
YIQ	109.4850, 99.4790, 74.9270

# Conversions

## Conversions Part 2

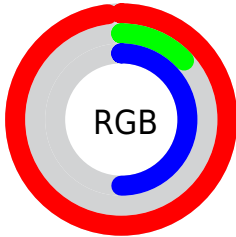
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 34, 127
Decimal	16458367
CIE <sub>Lab</sub>	55.26, 80.17, 5.11
CIE <sub>LCh</sub>	55, 80.330, 3.647
Yxy	23.1856, 0.4932, 0.2588
Android (android.graphics.Color)	4294648447 (0xFFFB227F)
YUV	109.4850, 8.6349, 124.1087
Hunter-Lab	48.1514, 79.5367, 6.3397

# Details

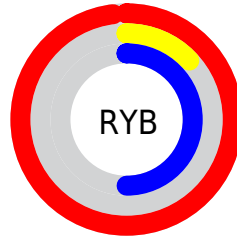
The Hex color **FB227F** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **22FB9E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6CB3**, and **BC004E** is the 20% darker color. If you saturate the color by 10%, you get **FB0971**, and if you desaturate by 10%, it is **FB3B8D**.

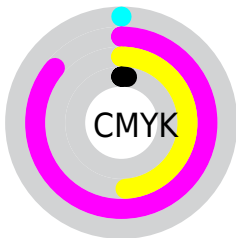
# Distribution



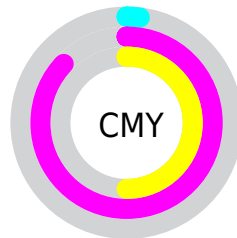
- Red (98%)
- Green (13%)
- Blue (50%)



- Red (98%)
- Yellow (13%)
- Blue (50%)



- Cyan (0%)
- Magenta (86%)
- Yellow (49%)
- Black (2%)



- Cyan (2%)
- Magenta (87%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB227F 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 FB227F by changing the saturation by 10% instead.



 FB227F

 FB227F

FFFFFF

 DB0066

 FF6CB3

 BC004E

 FF8BCF

 9C0038

 FFAAEB

 7D0023

 FFC8FF

 5F000D

 FFE6FF

 410003

 1E0001

 000000

 FB227F

 FB227F

 FB0971

 FB3B8D

 FB006C

 FB549C

 FB6DAA

 FB86B8

 FB9FC7

 FBB9D5

 FBD2E3

 FBEBF2

 FBFFFF

# Harmonies

## Analogous

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



DC43C4



FB227F



F3413B

# Triad

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



FB227F



4F9500



009BFF

# Complementary

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



FB227F



22FB9E

# 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.



00A2D0



FB227F



009E41

# Square

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



FB227F



998400



00A28B



008BFF

# Rectangle

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



FB227F



DE5C00



00A28B



009EF5



# Sweetspot

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



FB227F



FFBDD9



9D22FB



805869



000000



808080



# Same Dimension

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



FB227F



FF006D



FB3022



7D7076



BD0051



3D001A



# Inverse Universe

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



FB227F



FF06D



22EDFB



7D7076



BD0051



3D001A



# Previews

## White Background



This preview shows how the Hex color FB227F 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 FB227F Background



This preview shows how black text looks on a background with the Hex color FB227F.



This preview shows how white text looks on a background with the Hex color FB227F.

# 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**  
F83A3B

# Trichromacy



**Original Color**  
FB227F



**Protanomaly**  
A760A0



**Deuteranomaly**  
BB5E79



**Tritanomaly**  
F93154

# Monochromacy



**Original Color**  
FB227F



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
A15274

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB227F 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 #FB227F looks like.

```
.text, #text, p{  
    color:#FB227F  
}
```

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 #FB227F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB227F
}
```

## Border

The CSS property to change the border of an element to Hex FB227F 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
#FB227F }
```

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

```
.border{ border-color:#FB227F }
```

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

Here you see how a box with a 4 pixel #FB227F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB227F; -webkit-box-shadow:4px 4px  
4px 4px #FB227F; box-shadow:4px 4px 4px  
4px #FB227F }
```

# Background

The CSS property to change the background color of an element to Hex FB227F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB227F }
```

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

```
.background{ background-color:#FB227F }
```

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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