

# Converting Colors

Hex(FB2D8F)

Have a look what the booklet for  
Hex(FB2D8F) contains.

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# Color

**Hex(FB2D8F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FB2D8F
RGB	251, 45, 143
RGB Percent	98%, 18%, 56%
CMY	0.0157, 0.8235, 0.4392
CMYK	0.00, 0.82, 0.43, 0.02
HSL	331°, 96%, 58%
HSV	331°, 82%, 98%
XYZ	45.6800, 24.3692, 28.2827
YIQ	117.7660, 91.3180, 74.1500

# Conversions

## Conversions Part 2

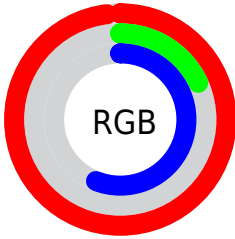
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 45, 143
Decimal	16461199
CIE <sub>Lab</sub>	56.46, 79.34, -2.69
CIE <sub>LCh</sub>	56, 79.388, 358.061
Yxy	24.3692, 0.4645, 0.2478
Android (android.graphics.Color)	4294651279 (0xFFFB2D8F)
YUV	117.7660, 12.4404, 116.8462
Hunter-Lab	49.3651, 78.7858, 0.5866

# Details

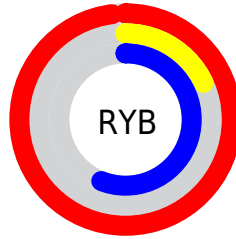
The Hex color **FB2D8F** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **2DFB99**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF73C5**, and **BC005D** is the 20% darker color. If you saturate the color by 10%, you get **FB1482**, and if you desaturate by 10%, it is **FB469C**.

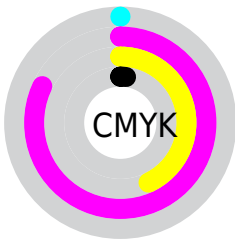
# Distribution



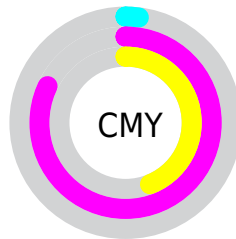
- Red (98%)
- Green (18%)
- Blue (56%)



- Red (98%)
- Yellow (18%)
- Blue (56%)



- Cyan (0%)
- Magenta (82%)
- Yellow (43%)
- Black (2%)



- Cyan (2%)
- Magenta (82%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB2D8F 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 FB2D8F by changing the saturation by 10% instead.



 FB2D8F

 FB2D8F

FFFFFF

 DC0075

 FF73C5

 BC005D

 FF91E0

 9E0046

 FFAFFD

 7F0030

 FFCDDF

 61001B

 FFECFF

 440003

 230001

 000000

 FB2D8F

 FB2D8F

 FB1482

 FB469C

 FB0077

 FB5FA9

 FB78B6

 FB91C4

 FBABD1

 FBC4DE

 FBDDEB

 FBF6F8

 FBFFFF

# Harmonies

## Analogous

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



D450D2



FB2D8F



FA3F4B

# Triad

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



FB2D8F



649600



00A0FD

# Complementary

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



FB2D8F



2DFB99

# 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.



00A5C7



FB2D8F



00A037

# Square

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



FB2D8F



A88300



00A581



0092FF

# Rectangle

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



FB2D8F



E8591D



00A581



00A3EE



# Sweetspot

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



FB2D8F



FFBFDE



972DFB



80596B



000000



808080



# Same Dimension

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



FB2D8F



FF057C



FB302D



7D7076



BD005A



3D001D



# Inverse Universe

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



FB2D8F



FF057C



2DF8FB



7D7076



BD005A



3D001D



# Previews

## White Background



This preview shows how the Hex color FB2D8F looks on a white background.

## Color Contrast Check

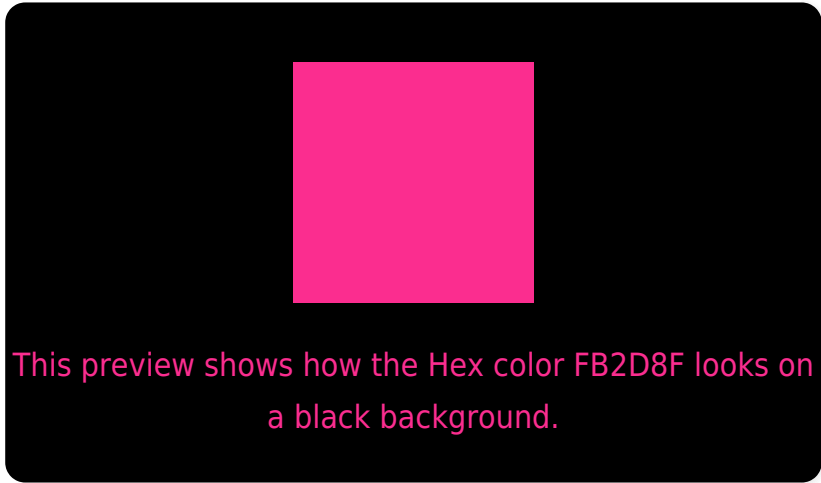
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB2D8F Background



This preview shows how black text looks on a background with the Hex color FB2D8F.



This preview shows how white text looks on a background with the Hex color FB2D8F.

# 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**  
F74447

# Trichromacy



**Original Color**  
FB2D8F



**Protanomaly**  
A566B1



**Deuteranomaly**  
BB6489



**Tritanomaly**  
F83C61

# Monochromacy



**Original Color**  
FB2D8F



**Achromatopsia**  
767676



**Achromatomaly**  
A65B7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB2D8F 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 #FB2D8F looks like.

```
.text, #text, p{  
  color:#FB2D8F  
}
```

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 #FB2D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB2D8F
}
```

## Border

The CSS property to change the border of an element to Hex FB2D8F 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
#FB2D8F }
```

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

```
.border{ border-color:#FB2D8F }
```

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

Here you see how a box with a 4 pixel #FB2D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB2D8F; -webkit-box-shadow:4px 4px  
4px 4px #FB2D8F; box-shadow:4px 4px 4px  
4px #FB2D8F }
```

# Background

The CSS property to change the background color of an element to Hex FB2D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB2D8F }
```

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

```
.background{ background-color:#FB2D8F }
```

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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