

# Converting Colors

Hex(F267BE)

Have a look what the booklet for  
Hex(F267BE) contains.

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# Color

Hex(F267BE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F267BE
RGB	242, 103, 190
RGB Percent	95%, 40%, 75%
CMY	0.0510, 0.5961, 0.2549
CMYK	0.00, 0.57, 0.21, 0.05
HSL	322°, 84%, 68%
HSV	322°, 57%, 95%
XYZ	50.7625, 32.2954, 52.2734
YIQ	154.4790, 54.9170, 56.5250

# Conversions

## Conversions Part 2

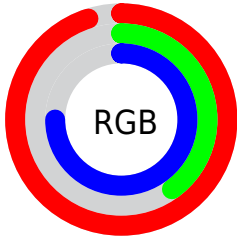
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 103, 190
Decimal	15886270
CIE <sub>Lab</sub>	63.59, 62.62, -19.39
CIE <sub>LCh</sub>	64, 65.556, 342.799
Yxy	32.2954, 0.3751, 0.2386
Android (android.graphics.Color)	4294076350 (0xFFFF267BE)
YUV	154.4790, 17.5119, 76.7559
Hunter-Lab	56.8291, 59.9939, -14.7566

# Details

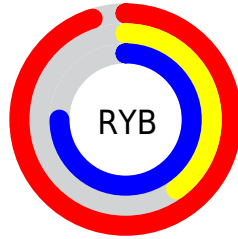
The Hex color **F267BE** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **67F29B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA0F6**, and **B72B88** is the 20% darker color. If you saturate the color by 10%, you get **F24FB5**, and if you desaturate by 10%, it is **F27FC7**.

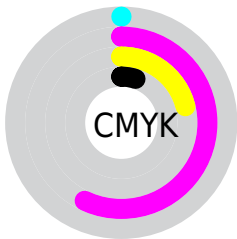
# Distribution



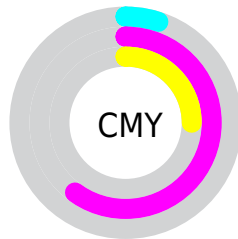
- Red (95%)
- Green (40%)
- Blue (75%)



- Red (95%)
- Yellow (40%)
- Blue (75%)



- Cyan (0%)
- Magenta (57%)
- Yellow (21%)
- Black (5%)



- Cyan (5%)
- Magenta (60%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F267BE 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 F267BE by changing the saturation by 10% instead.



 F267BE

 F267BE

FFFFFF

 D44AA3

 FFA0F6

 B72B88

 FFBCFF

 9A006F

 FFD9FF

 7D0056

 FFF7FF

 61003F

 460029

 2C0013

 000000

 F267BE

 F267BE

 F24FB5

 F27FC7

 F237AC

 F297D0

 F21EA3

 F2B0D9

 F2069A

 F2C8E2

 F20097

 F2E0EB

 F2F8F4

 F2FFFD

 F2FFFF

# Harmonies

## Analogous

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



BD7FF0



F267BE



FF6183

# Triad

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



F267BE



A09F11



00B3E8

# Complementary

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



F267BE



67F29B

# 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.



00B6B2



F267BE



5EAC3D

# Square

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



F267BE



D38B1F



00B375



00AAFF

# Rectangle

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



F267BE



FE6B5E



00B375



00B4D8



# Sweetspot

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



F267BE



FFD4EF



9A67F2



806676



000000



808080



# Same Dimension

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



F267BE



FF4FBD



F2677A



786C73



B80073



380023



# Inverse Universe

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



F267BE



FF4FBD



67F2DF



786C73



B80073



380023



# Previews

## White Background



This preview shows how the Hex color F267BE looks on a white background.

## Color Contrast Check

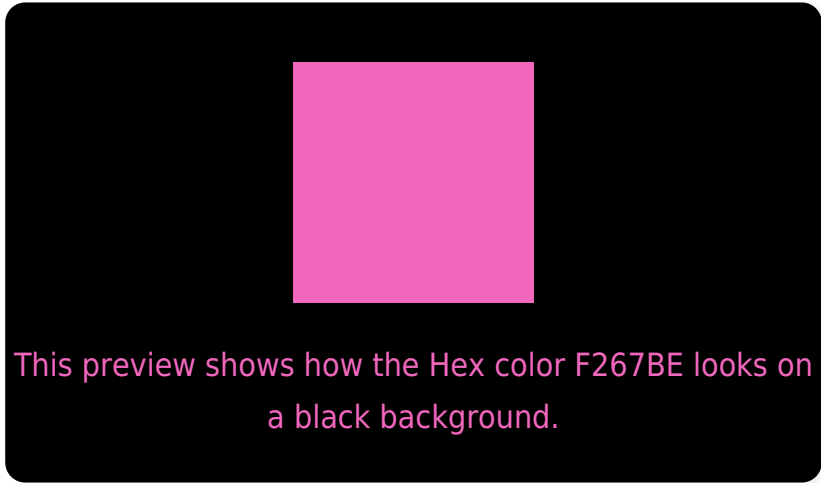
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F267BE Background



This preview shows how black text looks on a background with the Hex color F267BE.



This preview shows how white text looks on a background with the Hex color F267BE.

# 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





# Trichromacy



**Original Color**  
F267BE



**Protanomaly**  
AB86D5



**Deuteranomaly**  
BB86B9

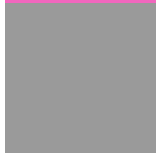


**Tritanomaly**  
EE7195

# Monochromacy



**Original Color**  
F267BE



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
BA87A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F267BE 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 #F267BE looks like.

```
.text, #text, p{  
    color:#F267BE  
}
```

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 #F267BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F267BE
}
```

## Border

The CSS property to change the border of an element to Hex F267BE 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
#F267BE }
```

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

```
.border{ border-color:#F267BE }
```

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

Here you see how a box with a 4 pixel #F267BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F267BE; -webkit-box-shadow:4px 4px  
4px 4px #F267BE; box-shadow:4px 4px 4px  
4px #F267BE }
```

# Background

The CSS property to change the background color of an element to Hex F267BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F267BE }
```

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

```
.background{ background-color:#F267BE }
```

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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