

# Converting Colors

Hex(FF267B)

Have a look what the booklet for  
Hex(FF267B) contains.

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**Color**

**Hex(F F 2 6 7 B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF267B
RGB	255, 38, 123
RGB Percent	100%, 15%, 48%
CMY	0.0000, 0.8510, 0.5176
CMYK	0.00, 0.85, 0.52, 0.00
HSL	336°, 100%, 57%
HSV	336°, 85%, 100%
XYZ	45.5083, 24.0763, 20.9875
YIQ	112.5730, 102.0470, 72.4390

# Conversions

## Conversions Part 2

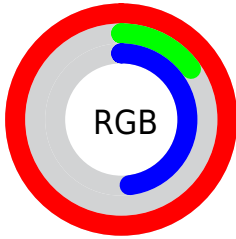
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 38, 123
Decimal	16721531
CIE <sub>Lab</sub>	56.16, 80.11, 8.89
CIE <sub>LCh</sub>	56, 80.599, 6.333
Yxy	24.0763, 0.5025, 0.2658
Android (android.graphics.Color)	4294911611 (0xFFFF267B)
YUV	112.5730, 5.1405, 124.9085
Hunter-Lab	49.0676, 79.6834, 8.9874

# Details

The Hex color **FF267B** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **26FFAA**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF6FAF**, and **BF004B** is the 20% darker color. If you saturate the color by 10%, you get **FF0D6B**, and if you desaturate by 10%, it is **FF408B**.

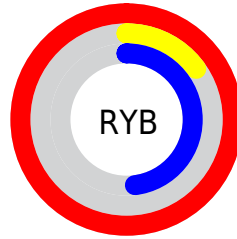
# Distribution



Red (100%)

Green (15%)

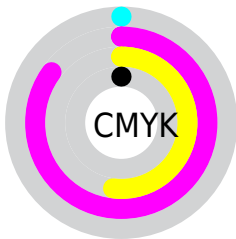
Blue (48%)



Red (100%)

Yellow (15%)

Blue (48%)

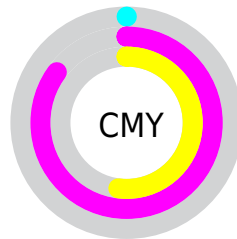


Cyan (0%)

Magenta (85%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (85%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF267B 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 FF267B by changing the saturation by 10% instead.



 FF267B

 FF267B

FFFFFF

 DF0062

 FF6FAF

 BF004B

 FF8ECA

 A00035

 FFACE6

 810020

 FFCAFF

 620007

 FFE9FF

 440003

 220001

 000000

 FF267B

 FF267B

 FF0D6B

 FF408B

 FF0064

 FF599A

 FF73AA

 FF8CB9

 FFA6C9

 FFBFD8

 FFD9E8

 FFF2F7

FFFFFF

# Harmonies

## Analogous

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



E441C0



FF267B



F54737

# Triad

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



FF267B



489900



009DFF

# Complementary

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



FF267B



26FFAA

# 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.



00A4D9



FF267B



00A14A

# Square

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



FF267B



968900



00A594



008BFF

# Rectangle

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



FF267B



DD6200



00A594



00A0FC



# Sweetspot

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



FF267B



FFBDD7



A826FF



805867



000000



808080



# Same Dimension

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



FF267B



FF0064



FF3C26



807378



BF004B



400019



# Inverse Universe

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



FF267B



FF0064



26E9FF



807378



BF004B



400019



# Previews

## White Background



This preview shows how the Hex color FF267B looks on a white background.

## Color Contrast Check

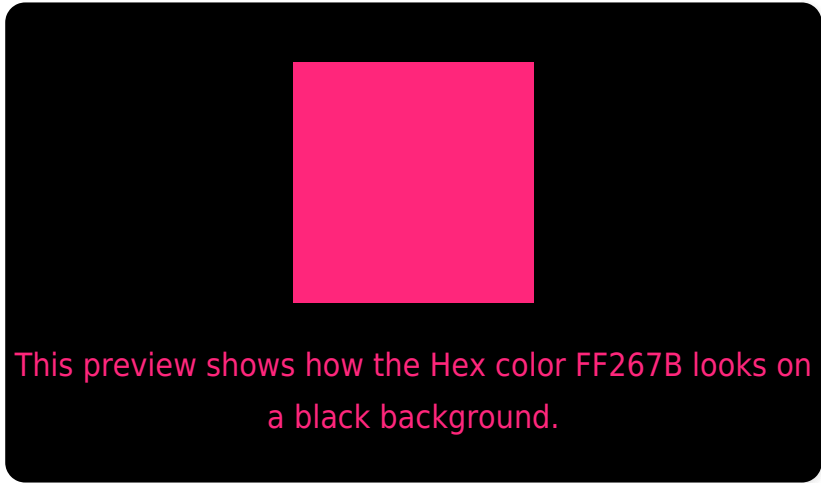
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF267B Background



This preview shows how black text looks on a background with the Hex color FF267B.



This preview shows how white text looks on a background with the Hex color FF267B.

# 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**  
FC3B3C

# Trichromacy



**Original Color**  
FF267B



**Protanomaly**  
AC639A



**Deuteranomaly**  
C06175



**Tritanomaly**  
FD3353

# Monochromacy



**Original Color**  
FF267B



**Achromatopsia**  
717171



**Achromatomaly**  
A55675

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF267B 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 #FF267B looks like.

```
.text, #text, p{  
    color:#FF267B  
}
```

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 #FF267B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF267B
}
```

## Border

The CSS property to change the border of an element to Hex FF267B 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
#FF267B }
```

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

```
.border{ border-color:#FF267B }
```

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

Here you see how a box with a 4 pixel #FF267B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF267B; -webkit-box-shadow:4px 4px  
4px 4px #FF267B; box-shadow:4px 4px 4px  
4px #FF267B }
```

# Background

The CSS property to change the background color of an element to Hex FF267B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF267B }
```

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

```
.background{ background-color:#FF267B }
```

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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