

# Converting Colors

Hex(FF7BBB)

Have a look what the booklet for  
Hex(FF7BBB) contains.

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# Color

**Hex(F77BBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7BBB
RGB	255, 123, 187
RGB Percent	100%, 48%, 73%
CMY	0.0000, 0.5176, 0.2667
CMYK	0.00, 0.52, 0.27, 0.00
HSL	331°, 100%, 74%
HSV	331°, 52%, 100%
XYZ	57.2926, 39.0138, 51.5245
YIQ	169.7640, 58.1280, 47.8880

# Conversions

## Conversions Part 2

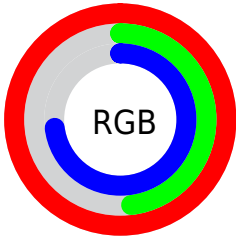
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 123, 187
Decimal	16743355
CIE <sub>Lab</sub>	68.76, 57.02, -9.71
CIE <sub>LCh</sub>	69, 57.838, 350.333
Yxy	39.0138, 0.3876, 0.2639
Android (android.graphics.Color)	4294933435 (0xFFFF7BBB)
YUV	169.7640, 8.4973, 74.7520
Hunter-Lab	62.4610, 54.4231, -5.1860

# Details

The Hex color **FF7BBB** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **7BFFBF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFB3F3**, and **C34386** is the 20% darker color. If you saturate the color by 10%, you get **FF62AE**, and if you desaturate by 10%, it is **FF95C8**.

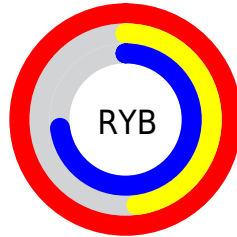
# Distribution



Red (100%)

Green (48%)

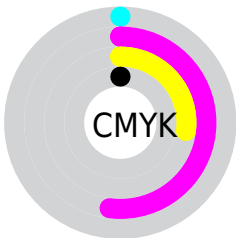
Blue (73%)



Red (100%)

Yellow (48%)

Blue (73%)

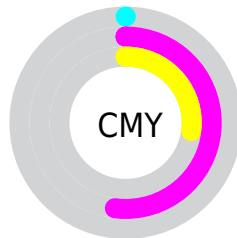


Cyan (0%)

Magenta (52%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7BBB 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 FF7BBB by changing the saturation by 10% instead.



 FF7BBB

 FF7BBB

FFFFFF

 E15FA0

 FFB3F3

 C34386

 FFD0FF

 A6256D

 FFEDFF

 890054

 6D003D

 520027

 390013

 140000

 000000

 FF7BBB

 FF7BBB

 FF62AE

 FF95C8

 FF48A1

 FFAED5

 FF2F94

 FFC8E2

 FF1586

 FFE1F0

 FF007C

 FFFBFD

FFFFFF

# Harmonies

## Analogous

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



D78BEB



FF7BBB



FF7B86

# Triad

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



FF7BBB



A2B03F



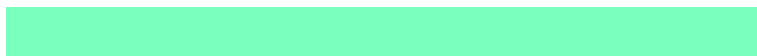
00BDF7

# Complementary

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



FF7BBB



7BFFBF

# 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.



00C1CB



FF7BBB



63BB62

# Square

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



FF7BBB



D39F3C



00C194



00B2FF

# Rectangle

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



FF7BBB



FF8567



00C194



00BFEA



# Sweetspot

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



FF7BBB



FFD6EA



BD7BFF



806773



000000



808080



# Same Dimension

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



FF7BBB



FF61AE



FF7B7B



807379



BF005D



40001F



# Inverse Universe

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



FF7BBB



FF61AE



7BFFFF



807379



BF005D

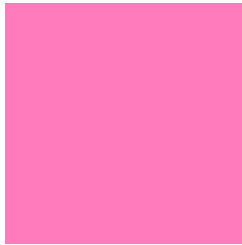


40001F



# Previews

## White Background



This preview shows how the Hex color FF7BBB looks on a white background.

## Color Contrast Check

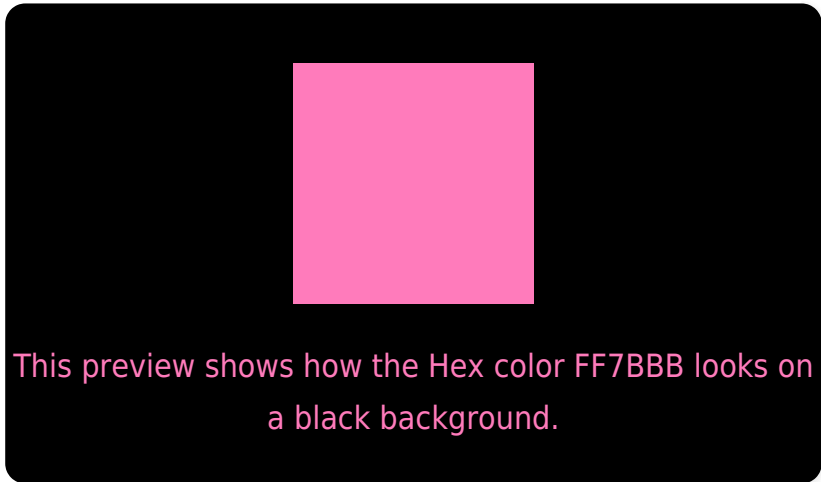
Large Text (above 18pt) WCAG AA × Fail

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 FF7BBB Background



This preview shows how black text looks on a background with the Hex color FF7BBB.



This preview shows how white text looks on a background with the Hex color FF7BBB.

# 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**  
FB848E

# Trichromacy



**Original Color**  
FF7BBB



**Protanomaly**  
BF96CD



**Deuteranomaly**  
CF94B7



**Tritanomaly**  
FC819E

# Monochromacy



**Original Color**  
FF7BBB



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
C999B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7BBB 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 #FF7BBB looks like.

```
.text, #text, p{  
  color:#FF7BBB  
}
```

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 #FF7BBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7BBB
}
```

## Border

The CSS property to change the border of an element to Hex FF7BBB 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
#FF7BBB }
```

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

```
.border{ border-color:#FF7BBB }
```

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

Here you see how a box with a 4 pixel #FF7BBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7BBB; -webkit-box-shadow:4px 4px  
4px 4px #FF7BBB; box-shadow:4px 4px 4px  
4px #FF7BBB }
```

# Background

The CSS property to change the background color of an element to Hex FF7BBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7BBB }
```

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

```
.background{ background-color:#FF7BBB }
```

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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