

# Converting Colors

Hex(FF77B7)

Have a look what the booklet for  
Hex(FF77B7) contains.

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# **Color**

**Hex(F777B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF77B7
RGB	255, 119, 183
RGB Percent	100%, 47%, 72%
CMY	0.0000, 0.5333, 0.2824
CMYK	0.00, 0.53, 0.28, 0.00
HSL	332°, 100%, 73%
HSV	332°, 53%, 100%
XYZ	56.3841, 37.8725, 49.1381
YIQ	166.9600, 60.5120, 48.7360

# Conversions

## Conversions Part 2

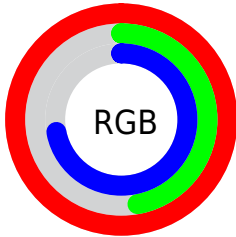
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 119, 183
Decimal	16742327
CIE <sub>Lab</sub>	67.93, 58.37, -8.71
CIE <sub>LCh</sub>	68, 59.016, 351.515
Yxy	37.8725, 0.3932, 0.2641
Android (android.graphics.Color)	4294932407 (0xFFFF77B7)
YUV	166.9600, 7.9077, 77.2111
Hunter-Lab	61.5407, 55.8470, -4.2625

# Details

The Hex color **FF77B7** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **77FFBF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFAFEF**, and **C33F82** is the 20% darker color. If you saturate the color by 10%, you get **FF5EAA**, and if you desaturate by 10%, it is **FF91C5**.

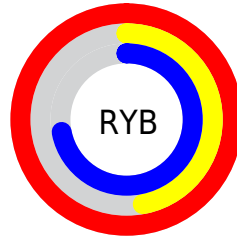
# Distribution



Red (100%)

Green (47%)

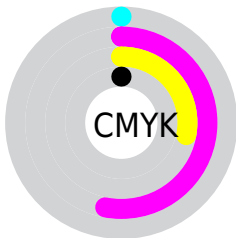
Blue (72%)



Red (100%)

Yellow (47%)

Blue (72%)

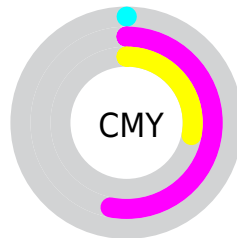


Cyan (0%)

Magenta (53%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF77B7 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 FF77B7 by changing the saturation by 10% instead.



 FF77B7

 FF77B7

FFFFFF

 E15B9C

 FFAFEF

 C33F82

 FFCCFF

 A61E69

 FFE9FF

 890051

 6D003A

 510024

 38000E

 100000

 000000

 FF77B7

 FF77B7

 FF5EAA

 FF91C5

 FF449C

 FFAAD2

 FF2A8F

 FFC3E0

 FF1181

 FFDDDD

 FF0078

 FFF7FB

FFFFFF

# Harmonies

## Analogous

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



D887E8



FF77B7



FF7882

# Triad

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



FF77B7



9DAE3B



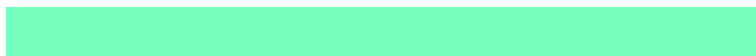
00BBF8

# Complementary

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



FF77B7



77FFBF

# 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.



00BFCB



FF77B7



5CB960

# Square

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



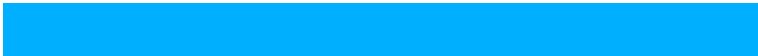
FF77B7



CF9D36



00BF94



00B0FF

# Rectangle

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



FF77B7



FD8261



00BF94



00BDEB



# Sweetspot

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



FF77B7



FFD6E9



BD77FF



806773



000000



808080



# Same Dimension

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



FF77B7



FF5CA9



FF7977



807379



BF005A



40001E



# Inverse Universe

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



FF77B7



FF5CA9



77FDFF



807379



BF005A



40001E



# Previews

## White Background



This preview shows how the Hex color FF77B7 looks on a white background.

## Color Contrast Check

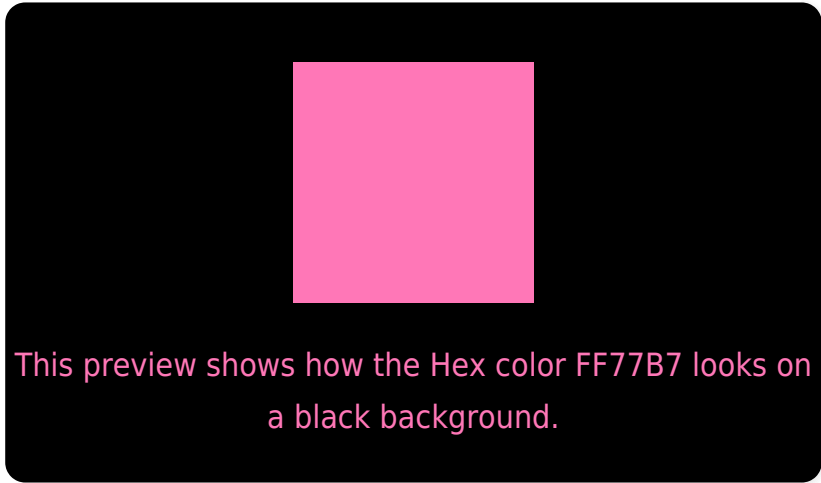
Large Text (above 18pt) WCAG AA × Fail

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 FF77B7 Background



This preview shows how black text looks on a background with the Hex color FF77B7.

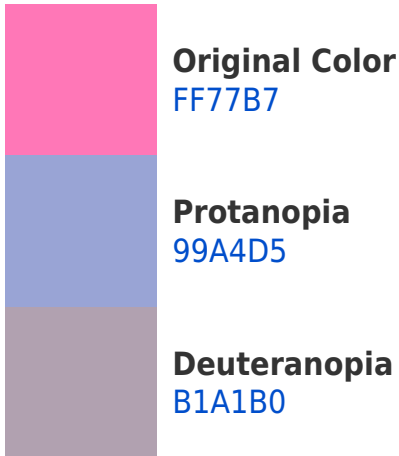


This preview shows how white text looks on a background with the Hex color FF77B7.

# 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**  
FB8089

# Trichromacy



**Original Color**  
FF77B7



**Protanomaly**  
BE94CA



**Deuteranomaly**  
CD92B3



**Tritanomaly**  
FC7D9A

# Monochromacy



**Original Color**  
FF77B7



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
C796AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF77B7 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 #FF77B7 looks like.

```
.text, #text, p{  
    color:#FF77B7  
}
```

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 #FF77B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF77B7
}
```

## Border

The CSS property to change the border of an element to Hex FF77B7 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
#FF77B7 }
```

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

```
.border{ border-color:#FF77B7 }
```

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

Here you see how a box with a 4 pixel #FF77B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF77B7; -webkit-box-shadow:4px 4px  
4px 4px #FF77B7; box-shadow:4px 4px 4px  
4px #FF77B7 }
```

# Background

The CSS property to change the background color of an element to Hex FF77B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF77B7 }
```

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

```
.background{ background-color:#FF77B7 }
```

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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