

# Converting Colors

Hex(FE7ACC)

Have a look what the booklet for  
Hex(FE7ACC) contains.

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# **Color**

**Hex(FE7ACC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE7ACC
RGB	254, 122, 204
RGB Percent	100%, 48%, 80%
CMY	0.0039, 0.5216, 0.2000
CMYK	0.00, 0.52, 0.20, 0.00
HSL	323°, 99%, 74%
HSV	323°, 52%, 100%
XYZ	58.7317, 39.3495, 61.6265
YIQ	170.8160, 52.3500, 53.4860

# Conversions

## Conversions Part 2

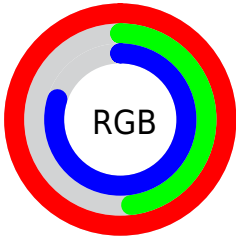
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 122, 204
Decimal	16677580
CIE <sub>Lab</sub>	69.00, 59.48, -18.88
CIE <sub>LCh</sub>	69, 62.403, 342.390
Yxy	39.3495, 0.3677, 0.2464
Android (android.graphics.Color)	4294867660 (0xFFFE7ACC)
YUV	170.8160, 16.3597, 72.9524
Hunter-Lab	62.7292, 57.3486, -14.3373

# Details

The Hex color **FE7ACC** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7AFEAC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFB2FF**, and **C34296** is the 20% darker color. If you saturate the color by 10%, you get **FE61C2**, and if you desaturate by 10%, it is **FE93D6**.

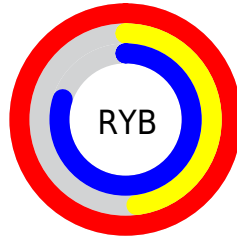
# Distribution



Red (100%)

Green (48%)

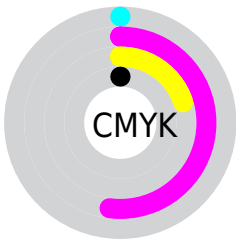
Blue (80%)



Red (100%)

Yellow (48%)

Blue (80%)

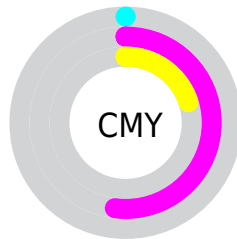


Cyan (0%)

Magenta (52%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE7ACC 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 FE7ACC by changing the saturation by 10% instead.



 FE7ACC

 FE7ACC

FFFFFF

 E05EB0

 FFB2FF

 C34296

 FFCFFF

 A6227C

 FFECFF

 890063

 6D004B

 520034

 39001F

 190001

 000000

 FE7ACC

 FE7ACC

 FE61C2

 FE93D6

 FE47B9

 FEADDF

 FE2EAF

 FEC6E9

 FE14A6

 FEE0F2

 FE009E

 FEF9FC

FEFFFF

# Harmonies

## Analogous

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



CA8FFC



FE7ACC



FF7593

# Triad

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



FE7ACC



B0AD2F



00C1F3

# Complementary

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



FE7ACC



7AFEAC

# 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.



00C4BF



FE7ACC



72BA50

# Square

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



FE7ACC



E29938



00C284



00B8FF

# Rectangle

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



FE7ACC



FF7D6F



00C284



00C3E3



# Sweetspot

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



FE7ACC



FFD6F0



AA7AFE



806776



000000



808080



# Same Dimension

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



FE7ACC



FF61C3



FE7A8C



80737B



BF0077



400028



# Inverse Universe

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



FE7ACC



FF61C3



7AFEEC



80737B



BF0077



400028



# Previews

## White Background



This preview shows how the Hex color FE7ACC looks on a white background.

## Color Contrast Check

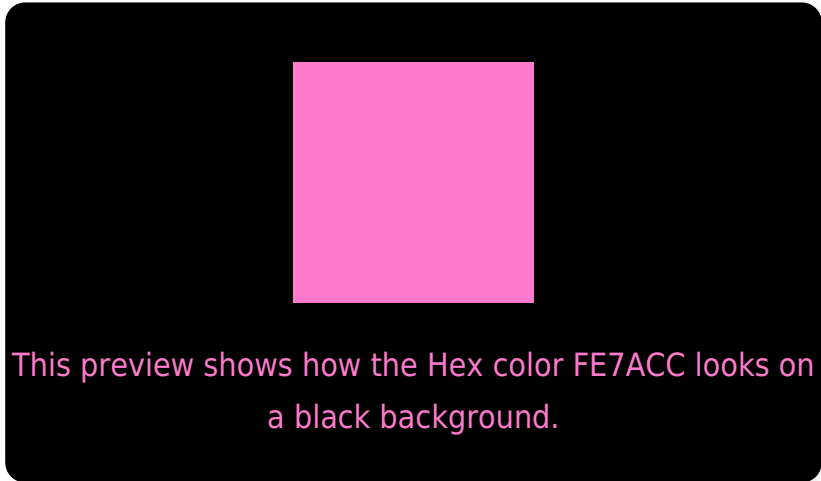
Large Text (above 18pt) WCAG AA × Fail

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 FE7ACC Background



This preview shows how black text looks on a background with the Hex color FE7ACC.

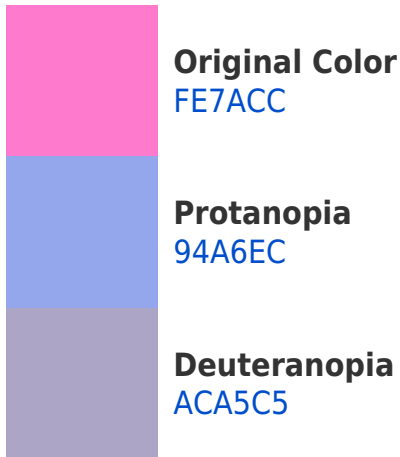


This preview shows how white text looks on a background with the Hex color FE7ACC.

# 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**  
F88791

# Trichromacy



**Original Color**  
FE7ACC



**Protanomaly**  
BB96E0



**Deuteranomaly**  
CA95C8



**Tritanomaly**  
FA82A6

# Monochromacy



**Original Color**  
FE7ACC



**Achromatopsia**  
ABABAB



**Achromatomaly**  
C999B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE7ACC 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 #FE7ACC looks like.

```
.text, #text, p{  
    color:#FE7ACC  
}
```

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 #FE7ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE7ACC
}
```

## Border

The CSS property to change the border of an element to Hex FE7ACC 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
#FE7ACC }
```

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

```
.border{ border-color:#FE7ACC }
```

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

Here you see how a box with a 4 pixel #FE7ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE7ACC; -webkit-box-shadow:4px 4px  
4px 4px #FE7ACC; box-shadow:4px 4px 4px  
4px #FE7ACC }
```

# Background

The CSS property to change the background color of an element to Hex FE7ACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE7ACC }
```

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

```
.background{ background-color:#FE7ACC }
```

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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