

# Converting Colors

Hex(FA7CCC)

Have a look what the booklet for  
Hex(FA7CCC) contains.

<b>Hex(FA7CCC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FA7CCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA7CCC
RGB	250, 124, 204
RGB Percent	98%, 49%, 80%
CMY	0.0196, 0.5137, 0.2000
CMYK	0.00, 0.50, 0.18, 0.02
HSL	322°, 93%, 73%
HSV	322°, 50%, 98%
XYZ	57.5311, 39.0989, 61.6414
YIQ	170.7940, 49.4160, 51.5920

# Conversions

## Conversions Part 2

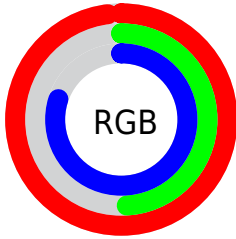
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 124, 204
Decimal	16415948
CIE Lab	68.82, 57.34, -19.20
CIE LCh	69, 60.467, 341.483
Yxy	39.0989, 0.3635, 0.2470
Android (android.graphics.Color)	4294606028 (0xFFFA7CCC)
YUV	170.7940, 16.3706, 69.4637
Hunter-Lab	62.5291, 54.8062, -14.6778

# Details

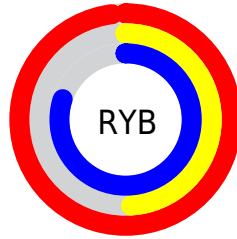
The Hex color **FA7CCC** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7CFAAA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFB4FF**, and **BF4596** is the 20% darker color. If you saturate the color by 10%, you get **FA63C3**, and if you desaturate by 10%, it is **FA95D5**.

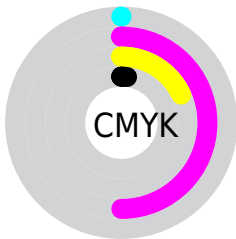
# Distribution



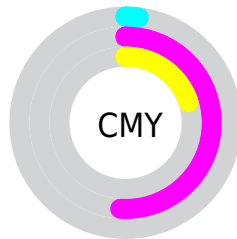
- Red (98%)
- Green (49%)
- Blue (80%)



- Red (98%)
- Yellow (49%)
- Blue (80%)



- Cyan (0%)
- Magenta (50%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (51%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA7CCC 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 FA7CCC by changing the saturation by 10% instead.



 FA7CCC

 FA7CCC

FFFFFF

 DC60B0

 FFB4FF

 BF4596

 FFD1FF

 A2267C

 FFE0FF

 860063

 6A004B

 4F0034

 37001F

 150000

 000000

FA7CCC

FA7CCC

FA63C3

FA95D5

FA4ABA

FAAEDE

FA31B1

FAC7E7

FA18A7

FAE0F1

FA009F

FAF9FA

FAFFFF

# Harmonies

## Analogous

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



C691FA



FA7CCC



FF7695

# Triad

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



FA7CCC



B2AC33



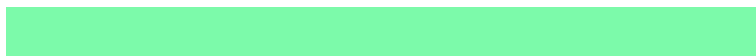
00C0EF

# Complementary

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



FA7CCC



7CFAAA

# 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.



00C3BC



FA7CCC



75B951

# Square

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



FA7CCC



E1993C



00C083



00B7FF

# Rectangle

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



FA7CCC



FF7E72



00C083



00C2E0



# Sweetspot

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



FA7CCC



FFD9F1



A87CFA



806977



000000



808080



# Same Dimension

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



FA7CCC



FF66C7



FA7C8F



7D7078



BD0078



3D0027



# Inverse Universe

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



FA7CCC



FF66C7



7CFAE7



7D7078



BD0078



3D0027



# Previews

## White Background



This preview shows how the Hex color FA7CCC looks on a white background.

## Color Contrast Check

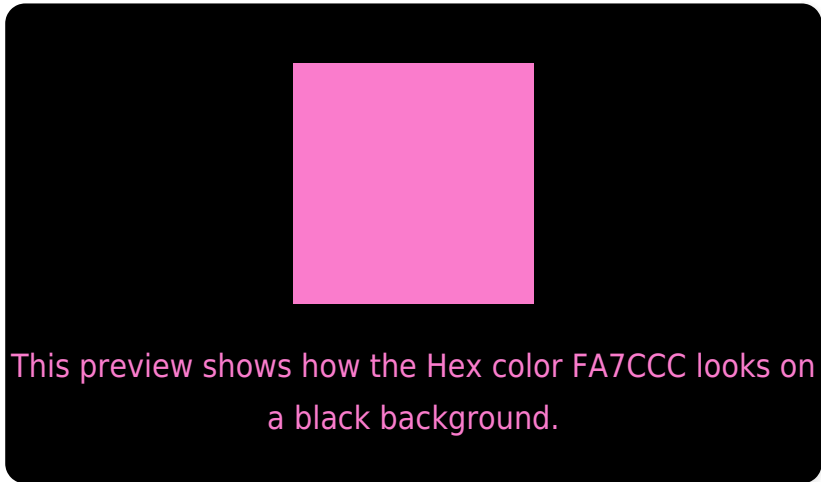
Large Text (above 18pt) WCAG AA × Fail

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 FA7CCC Background



This preview shows how black text looks on a background with the Hex color FA7CCC.

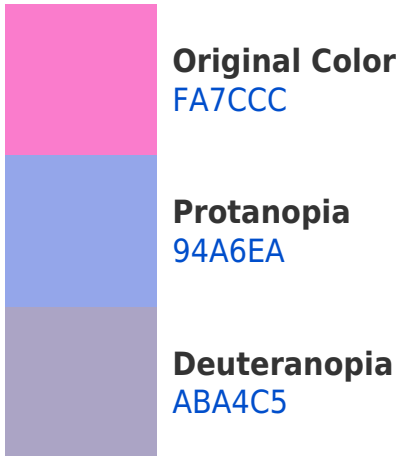


This preview shows how white text looks on a background with the Hex color FA7CCC.

# 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**  
F48892

# Trichromacy



**Original Color**  
FA7CCC



**Protanomaly**  
B997DF



**Deuteranomaly**  
C895C8



**Tritanomaly**  
F684A7

# Monochromacy



**Original Color**  
FA7CCC



**Achromatopsia**  
ABABAB



**Achromatomaly**  
C89AB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA7CCC 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 #FA7CCC looks like.

```
.text, #text, p{  
    color:#FA7CCC  
}
```

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 #FA7CCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA7CCC }  
}
```

## Border

The CSS property to change the border of an element to Hex FA7CCC 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 #FA7CCC }  
}
```

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

```
.border{ border-color:#FA7CCC }
```

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

Here you see how a box with a 4 pixel #FA7CCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA7CCC; -webkit-box-shadow:4px 4px  
4px 4px #FA7CCC; box-shadow:4px 4px 4px  
4px #FA7CCC }
```

# Background

The CSS property to change the background color of an element to Hex FA7CCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA7CCC }
```

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

```
.background{ background-color:#FA7CCC }
```

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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