

Converting Colors

Hex(FC7CAA)

Have a look what the booklet for
Hex(FC7CAA) contains.

| | |
|--|----|
| Hex(FC7CAA) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(FC7CAA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC7CAA |
| RGB | 252, 124, 170 |
| RGB Percent | 99%, 49%, 67% |
| CMY | 0.0118, 0.5137, 0.3333 |
| CMYK | 0.00, 0.51, 0.33, 0.01 |
| HSL | 338°, 96%, 74% |
| HSV | 338°, 51%, 99% |
| XYZ | 54.6082, 38.0130, 42.4893 |
| YIQ | 167.5160, 61.5220, 41.4420 |

Conversions

Conversions Part 2

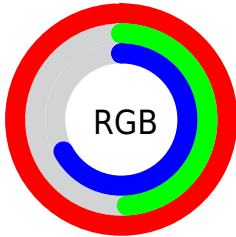
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 252, 124, 170 |
| Decimal | 16546986 |
| CIE Lab | 68.03, 53.47, -1.27 |
| CIE LCh | 68, 53.481, 358.637 |
| Yxy | 38.0130, 0.4042, 0.2813 |
| Android (android.graphics.Color) | 4294737066 (0xFFFC7CAA) |
| YUV | 167.5160, 1.2246, 74.0925 |
| Hunter-Lab | 61.6547, 50.2036, 2.2986 |

Details

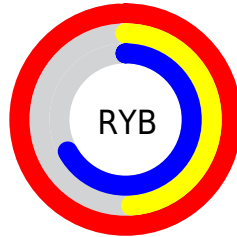
The Hex color **FC7CAA** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7CFCCE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFB4E1**, and **C04576** is the 20% darker color. If you saturate the color by 10%, you get **FC639A**, and if you desaturate by 10%, it is **FC95BA**.

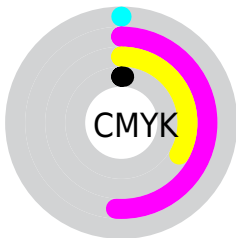
Distribution



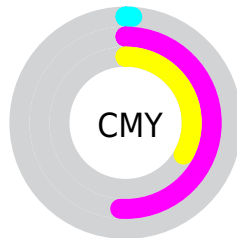
- Red (99%)
- Green (49%)
- Blue (67%)



- Red (99%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (51%)
- Yellow (33%)
- Black (1%)



- Cyan (1%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC7CAA 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 FC7CAA by changing the saturation by 10% instead.

 FC7CAA

 FC7CAA

FFFFFF

 DE6190

 FFB4E1

 C04576

 FFD0FE

 A3285D

 FFEDFF

 860046

 6A0030

 4E001B

 360002

 050000

 000000

 FC7CAA

 FC7CAA

 FC639A

 FC95BA

 FC4A8A

 FCAECA

 FC307A

 FCC8DA

 FC1769

 FCE1EB

 FC005B

 FCFAFB

 FCFFFF

Harmonies

Analogous

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



DF87D9



FC7CAA



FE817A

Triad

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



FC7CAA



93B14D



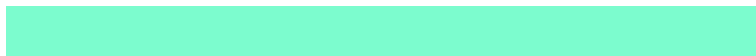
00B8F7

Complementary

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



FC7CAA



7CFCCE

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.



00BDD3



FC7CAA



54BA71

Square

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



FC7CAA



C3A241



00BEA2



3CACFF

Rectangle

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



FC7CAA



F28B5F



00BEA2



00BAED

Sweetspot

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



FC7CAA



FFD9E6



CD7CFC



806971



000000



808080

Same Dimension

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



FC7CAA



FF639B



FC8D7C



7D7075



BD0044



3D0016

Inverse Universe

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



FC7CAA



FF639B



7CEBFC



7D7075



BD0044



3D0016

Previews

White Background



This preview shows how the Hex color FC7CAA looks on a white background.

Color Contrast Check

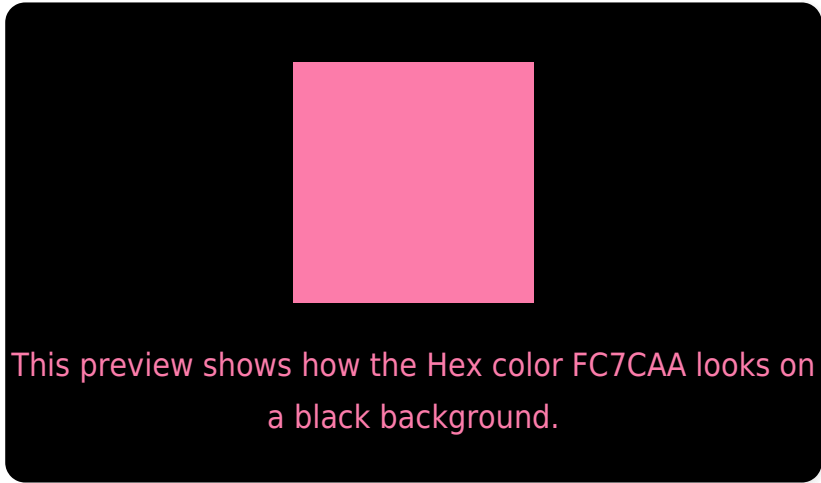
Large Text (above 18pt) WCAG AA × Fail

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 FC7CAA Background



This preview shows how black text looks on a background with the Hex color FC7CAA.

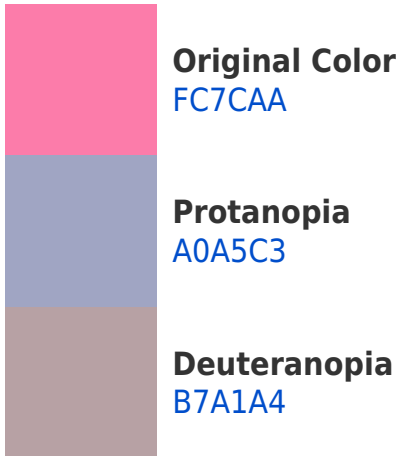


This preview shows how white text looks on a background with the Hex color FC7CAA.

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
F9828B

Trichromacy



Original Color
FC7CAA



Protanomaly
C196BA



Deuteranomaly
D094A6



Tritanomaly
FA8096

Monochromacy



Original Color
FC7CAA



Achromatopsia
A8A8A8



Achromatomaly
C798A9

CSS Examples

Text

The CSS property to change the color of the text to Hex FC7CAA 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 #FC7CAA looks like.

```
.text, #text, p{  
    color:#FC7CAA  
}
```

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 #FC7CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC7CAA
}
```

Border

The CSS property to change the border of an element to Hex FC7CAA 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
#FC7CAA }
```

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

```
.border{ border-color:#FC7CAA }
```

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

Here you see how a box with a 4 pixel #FC7CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC7CAA; -webkit-box-shadow:4px 4px  
4px 4px #FC7CAA; box-shadow:4px 4px 4px  
4px #FC7CAA }
```

Background

The CSS property to change the background color of an element to Hex FC7CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC7CAA }
```

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

```
.background{ background-color:#FC7CAA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor