

# Converting Colors

Hex(F2A8CC)

Have a look what the booklet for  
Hex(F2A8CC) contains.

<b>Hex(F2A8CC)</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(F2A8CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2A8CC
RGB	242, 168, 204
RGB Percent	95%, 66%, 80%
CMY	0.0510, 0.3412, 0.2000
CMYK	0.00, 0.31, 0.16, 0.05
HSL	331°, 74%, 80%
HSV	331°, 31%, 95%
XYZ	61.5197, 51.2421, 63.7750
YIQ	194.2300, 32.5480, 26.8840

# Conversions

## Conversions Part 2

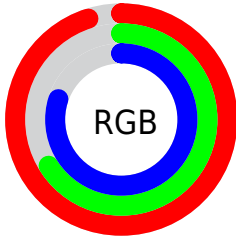
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 168, 204
Decimal	15902924
CIE Lab	76.83, 32.40, -7.29
CIE LCh	77, 33.210, 347.313
Yxy	51.2421, 0.3485, 0.2903
Android (android.graphics.Color)	4294093004 (0xFFF2A8CC)
YUV	194.2300, 4.8166, 41.8943
Hunter-Lab	71.5836, 28.1333, -2.7139

# Details

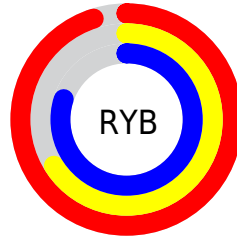
The Hex color **F2A8CC** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **A8F2CE**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFE0FF**, and **B97396** is the 20% darker color. If you saturate the color by 10%, you get **F290C0**, and if you desaturate by 10%, it is **F2C0D8**.

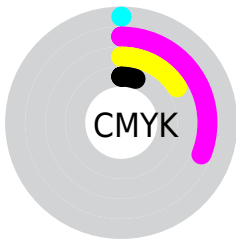
# Distribution



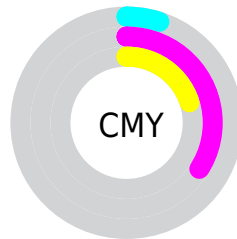
- Red (95%)
- Green (66%)
- Blue (80%)



- Red (95%)
- Yellow (66%)
- Blue (80%)



- Cyan (0%)
- Magenta (31%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (34%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2A8CC 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 F2A8CC by changing the saturation by 10% instead.



 F2A8CC

 F2A8CC

FFFFFF

 D58DB1

 FFE0FF

 B97396

 FFFDFD

 9D5A7C

 824163

 68294B

 4E1035

 36001F

 200005

 000000

 F2A8CC

 F2A8CC

 F290C0

 F2C0D8

 F278B3

 F2D8E5

 F25FA7

 F2F1F1

 F2479A

 F2FFFE

 F22F8E

 F2FFFF

 F21781

 F20076

# Harmonies

## Analogous

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



D8B0E8



F2A8CC



FBA7AD

# Triad

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



F2A8CC



C1C182



5ECBEA

# Complementary

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



F2A8CC



A8F2CE

# 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.



5ECECF



F2A8CC



9EC993

# Square

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



F2A8CC



DFB782



7ACEAF



82C4F9

# Rectangle

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



F2A8CC



F8AB9A



7ACEAF



5ACDE2



# Sweetspot

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



F2A8CC



FFE8F3



CDA8F2



807178



000000



808080



# Same Dimension

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



F2A8CC



FFA1CF



F2A8A8



786C72



B80059



38001B



# Inverse Universe

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



F2A8CC



FFA1CF



A8F2F2



786C72



B80059

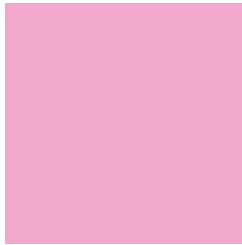


38001B



# Previews

## White Background



This preview shows how the Hex color F2A8CC looks on a white background.

## Color Contrast Check

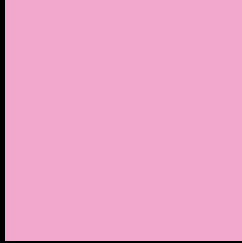
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F2A8CC looks on a 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 F2A8CC Background



This preview shows how black text looks on a background with the Hex color F2A8CC.

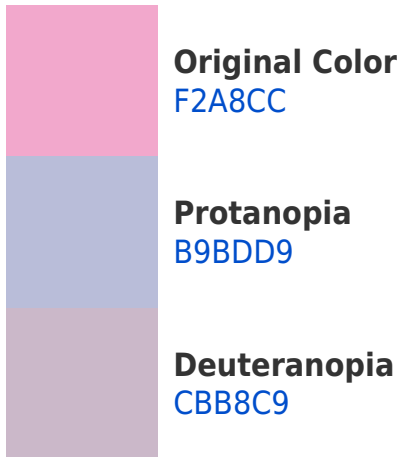


This preview shows how white text looks on a background with the Hex color F2A8CC.

# 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**  
F0ABB9

# Trichromacy



**Original Color**  
F2A8CC



**Protanomaly**  
CEB5D4



**Deuteranomaly**  
D9B2CA



**Tritanomaly**  
F1AAC0

# Monochromacy



**Original Color**  
F2A8CC



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
D3B9C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2A8CC 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 #F2A8CC looks like.

```
.text, #text, p{  
    color:#F2A8CC  
}
```

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 #F2A8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2A8CC  
}
```

## Border

The CSS property to change the border of an element to Hex F2A8CC 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  
#F2A8CC }
```

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

```
.border{ border-color:#F2A8CC }
```

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

Here you see how a box with a 4 pixel #F2A8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2A8CC; -webkit-box-shadow:4px 4px  
4px 4px #F2A8CC; box-shadow:4px 4px 4px  
4px #F2A8CC }
```

# Background

The CSS property to change the background color of an element to Hex F2A8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2A8CC }
```

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

```
.background{ background-color:#F2A8CC }
```

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