

# Converting Colors

Hex(F587AA)

Have a look what the booklet for  
Hex(F587AA) contains.

<b>Hex(F587AA)</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(F587AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F587AA
RGB	245, 135, 170
RGB Percent	96%, 53%, 67%
CMY	0.0392, 0.4706, 0.3333
CMYK	0.00, 0.45, 0.31, 0.04
HSL	341°, 85%, 75%
HSV	341°, 45%, 96%
XYZ	53.5759, 39.6427, 42.8583
YIQ	171.8800, 54.3250, 34.2050

# Conversions

## Conversions Part 2

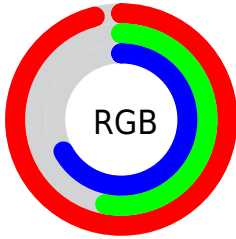
<b>Format</b>	<b>Color</b>
<b>RYB</b>	245, 135, 170
Decimal	16091050
CIELab	69.21, 45.73, 0.35
CIELCh	69, 45.727, 0.436
Yxy	39.6427, 0.3937, 0.2913
Android (android.graphics.Color)	4294281130 (0xFFFF587AA)
YUV	171.8800, -0.9268, 64.1262
Hunter-Lab	62.9625, 41.7045, 3.7153

# Details

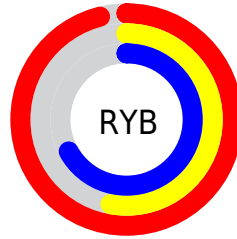
The Hex color **F587AA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87F5D2**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFBEE1**, and **BA5276** is the 20% darker color. If you saturate the color by 10%, you get **F56E99**, and if you desaturate by 10%, it is **F5A0BB**.

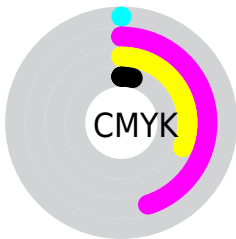
# Distribution



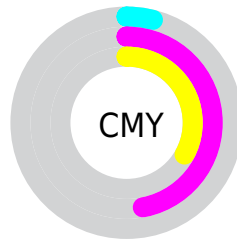
- Red (96%)
- Green (53%)
- Blue (67%)



- Red (96%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (4%)



- Cyan (4%)
- Magenta (47%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F587AA 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 F587AA by changing the saturation by 10% instead.



 F587AA

 F587AA

FFFFFF

 D76C90


 FFBEE1

 BA5276

 FFDBFE

 9D375D

 FFF8FF

 811B46

 660030

 4B001B

 340002

 000000

 F587AA

 F587AA

 F56E99

 F5A0BB

 F55689

 F5B8CB

 F53E78

 F5D1DC

 F52567

 F5E9ED

 F50D56

 F5FFFE

 F5004E

 F5FFFF

# Harmonies

## Analogous

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



DD8FD3



F587AA



F68B81

# Triad

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



F587AA



97B35F



00B8F0

# Complementary

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



F587AA



87F5D2

# 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.



00BDD2



F587AA



63BB7F

# Square

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



F587AA



C2A754



00BEA8



65ADFB

# Rectangle

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



F587AA



EB936B



00BEA8



00BAE8



# Sweetspot

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



F587AA



FFDEE8



D087F5



806B72



000000



808080



# Same Dimension

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



F587AA



FF75A1



F59987



7A6E72



BA003B



3B0013



# Inverse Universe

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



F587AA



FF75A1



87E3F5



7A6E72



BA003B



3B0013



# Previews

## White Background



This preview shows how the Hex color F587AA looks on a white background.

## Color Contrast Check

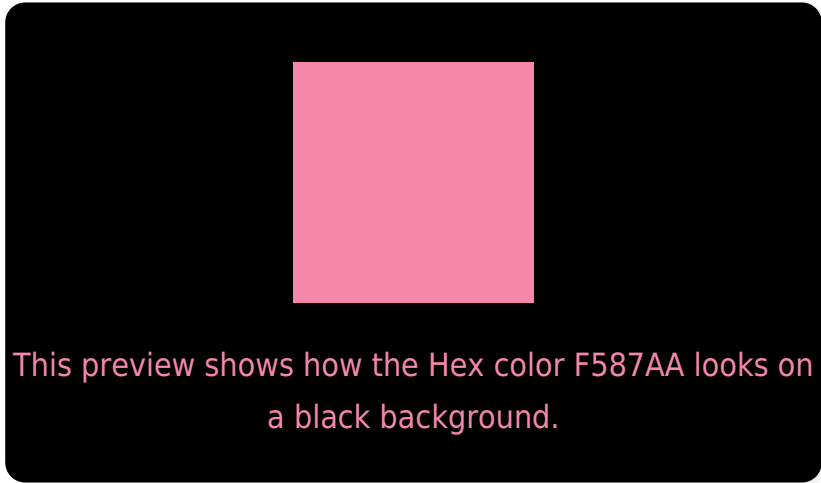
Large Text (above 18pt) WCAG AA × Fail

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 F587AA Background



This preview shows how black text looks on a background with the Hex color F587AA.

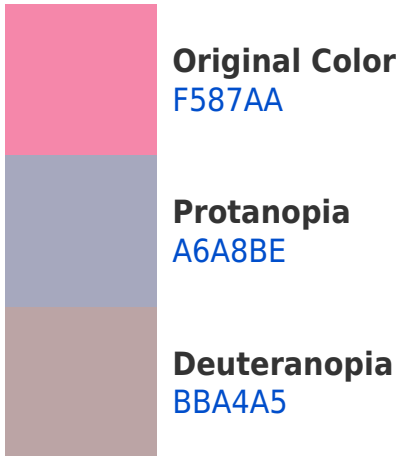


This preview shows how white text looks on a background with the Hex color F587AA.

# 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



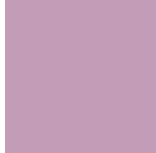


**Tritanopia**  
F38B95

# Trichromacy



**Original Color**  
F587AA



**Protanomaly**  
C39CB7



**Deuteranomaly**  
D099A7



**Tritanomaly**  
F48A9D

# Monochromacy



**Original Color**  
F587AA



**Achromatopsia**  
ACACAC



**Achromatomaly**  
C79FAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F587AA 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 #F587AA looks like.

```
.text, #text, p{  
    color:#F587AA  
}
```

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 #F587AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F587AA
}
```

## Border

The CSS property to change the border of an element to Hex F587AA 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
#F587AA }
```

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

```
.border{ border-color:#F587AA }
```

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

Here you see how a box with a 4 pixel #F587AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F587AA; -webkit-box-shadow:4px 4px  
4px 4px #F587AA; box-shadow:4px 4px 4px  
4px #F587AA }
```

# Background

The CSS property to change the background color of an element to Hex F587AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F587AA }
```

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

```
.background{ background-color:#F587AA }
```

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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