

# Converting Colors

Hex(FF99AE)

Have a look what the booklet for  
Hex(FF99AE) contains.

<b>Hex(FF99AE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F99AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF99AE
RGB	255, 153, 174
RGB Percent	100%, 60%, 68%
CMY	0.0000, 0.4000, 0.3176
CMYK	0.00, 0.40, 0.32, 0.00
HSL	348°, 100%, 80%
HSV	348°, 40%, 100%
XYZ	60.2712, 47.0985, 45.9587
YIQ	185.8920, 54.0510, 28.1550

# Conversions

## Conversions Part 2

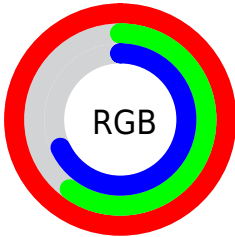
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 153, 174
Decimal	16751022
CIELab	74.25, 40.54, 5.58
CIELCh	74, 40.926, 7.840
Yxy	47.0985, 0.3931, 0.3072
Android (android.graphics.Color)	4294941102 (0xFFFF99AE)
YUV	185.8920, -5.8628, 60.6077
Hunter-Lab	68.6283, 36.6639, 8.3348

# Details

The Hex color **FF99AE** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **99FFEA**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFD1E5**, and **C4647A** is the 20% darker color. If you saturate the color by 10%, you get **FF809A**, and if you desaturate by 10%, it is **FFB3C2**.

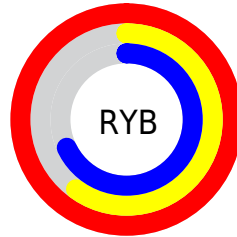
# Distribution



Red (100%)

Green (60%)

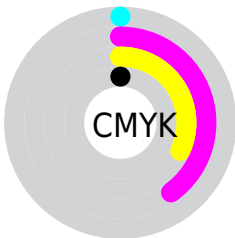
Blue (68%)



Red (100%)

Yellow (60%)

Blue (68%)

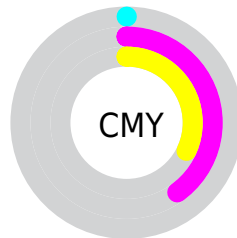


Cyan (0%)

Magenta (40%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF99AE 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 FF99AE by changing the saturation by 10% instead.



 FF99AE

FFFFFF

 FFD1E5

 FFEDFF

 FF99AE

 E17E93

 C4647A

 A74A61

 8B3149

 6F1533

 54001E

 3B0004

 1D0001

 000000

 FF99AE

 FF99AE

 FF809A

 FFB3C2

 FF6686

 FFCCD7

 FF4D71

 FFE6EB

 FF335D

FFFFFF

 FF1949

 FF0035

# Harmonies

## Analogous

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



EE9DD4



FF99AE



FB9F8A

# Triad

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



FF99AE



9DC27A



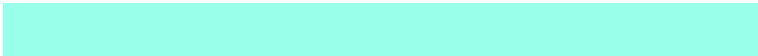
4AC2FB

# Complementary

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



FF99AE



99FFEA

# 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.



00C9E4



FF99AE



6EC899

# Square

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



FF99AE



C6B86B



34CBC0



90B7FF

# Rectangle

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



FF99AE



EFA678



34CBC0



30C5F5



# Sweetspot

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



FF99AE



FFE0E7



E999FF



806E71



000000



808080



# Same Dimension

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



FF99AE



FF859E



FFB699



807375



BF0027



40000D



# Inverse Universe

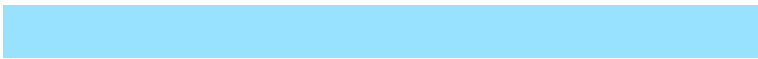
The Inverse Universe completely reimagines the original color for something new.



FF99AE



FF859E



99E2FF



807375



BF0027

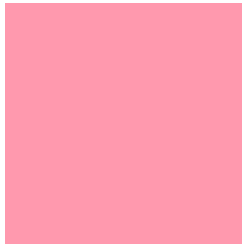


40000D



# Previews

## White Background



This preview shows how the Hex color FF99AE looks on a white background.

## Color Contrast Check

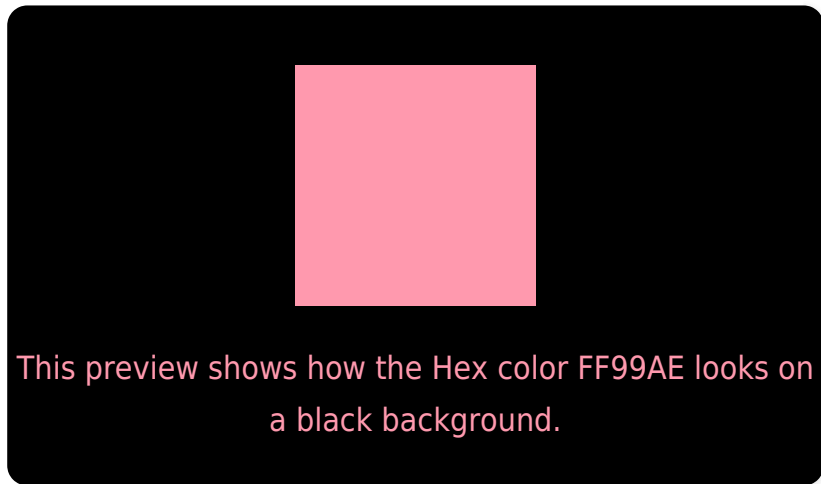
Large Text (above 18pt) WCAG AA × Fail

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 FF99AE Background



This preview shows how black text looks on a background with the Hex color FF99AE.

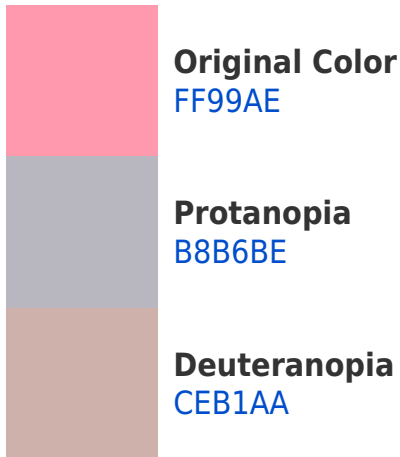


This preview shows how white text looks on a background with the Hex color FF99AE.

# 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**  
FE9AA6

# Trichromacy



**Original Color**  
FF99AE



**Protanomaly**  
D2ABB8



**Deuteranomaly**  
E0A8AB



**Tritanomaly**  
FE9AA9

# Monochromacy



**Original Color**  
FF99AE



**Achromatopsia**  
BABABA



**Achromatomaly**  
D3AEB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF99AE 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 #FF99AE looks like.

```
.text, #text, p{  
    color:#FF99AE  
}
```

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 #FF99AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF99AE
}
```

## Border

The CSS property to change the border of an element to Hex FF99AE 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
#FF99AE }
```

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

```
.border{ border-color:#FF99AE }
```

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

Here you see how a box with a 4 pixel #FF99AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF99AE; -webkit-box-shadow:4px 4px  
4px 4px #FF99AE; box-shadow:4px 4px 4px  
4px #FF99AE }
```

# Background

The CSS property to change the background color of an element to Hex FF99AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF99AE }
```

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

```
.background{ background-color:#FF99AE }
```

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