

# Converting Colors

Hex(FF999F)

Have a look what the booklet for  
Hex(FF999F) contains.

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# **Color**

**Hex(F999F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF999F
RGB	255, 153, 159
RGB Percent	100%, 60%, 62%
CMY	0.0000, 0.4000, 0.3765
CMYK	0.00, 0.40, 0.38, 0.00
HSL	356°, 100%, 80%
HSV	356°, 40%, 100%
XYZ	58.8892, 46.5457, 38.6813
YIQ	184.1820, 58.8660, 23.4900

# Conversions

## Conversions Part 2

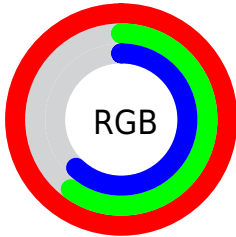
Format	Color
R <sub>Y</sub> B	255, 153, 159
Decimal	16751007
CIE Lab	73.90, 38.76, 13.35
CIE LCh	74, 40.997, 19.003
Yxy	46.5457, 0.4086, 0.3230
Android (android.graphics.Color)	4294941087 (0xFFFF999F)
YUV	184.1820, -12.4147, 62.1074
Hunter-Lab	68.2244, 34.6832, 14.1413

# Details

The Hex color **FF999F** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **99FFF9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD1D6**, and **C4646C** is the 20% darker color. If you saturate the color by 10%, you get **FF8087**, and if you desaturate by 10%, it is **FFB3B7**.

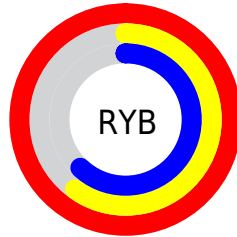
# Distribution



Red (100%)

Green (60%)

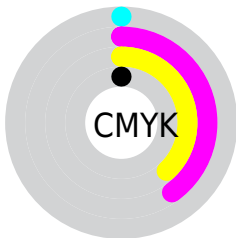
Blue (62%)



Red (100%)

Yellow (60%)

Blue (62%)

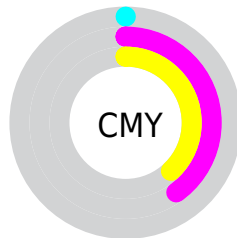


Cyan (0%)

Magenta (40%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF999F 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 FF999F by changing the saturation by 10% instead.



 FF999F

 FF999F

FFFFFF

 E17E85

 FFD1D6

 C4646C

 FFEDEF

 A74B54

 8A313D

 6E1727

 530013

 390000

 190001

 000000

 FF999F

 FF999F

 FF8087

 FFB3B7

 FF666F

 FFCCCC

 FF4D57

 FFE6E7

 FF333F

FFFFFF

 FF1927

 FF000F

# Harmonies

## Analogous

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



F69AC5



FF999F



F4A27E

# Triad

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



FF999F



8BC483



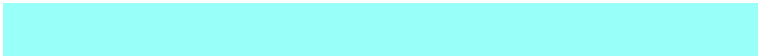
64BEFF

# Complementary

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



FF999F



99FFF9

# 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.



0CC6ED



FF999F



59C9A6

# Square

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



FF999F



B6BB6D



11CACD



A5B1FD

# Rectangle

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



FF999F



E4AA70



11CACD



4BC1FB

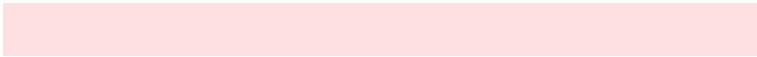


# Sweetspot

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



FF999F



FFE0E2



F899FF



806E6F



000000



808080



# Same Dimension

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



FF999F



FF858C



FFC599



807374



BF000B



400004



# Inverse Universe

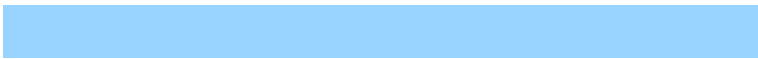
The Inverse Universe completely reimagines the original color for something new.



FF999F



FF858C



99D3FF



807374



BF000B



400004



# Previews

## White Background



This preview shows how the Hex color FF999F looks on a white background.

## Color Contrast Check

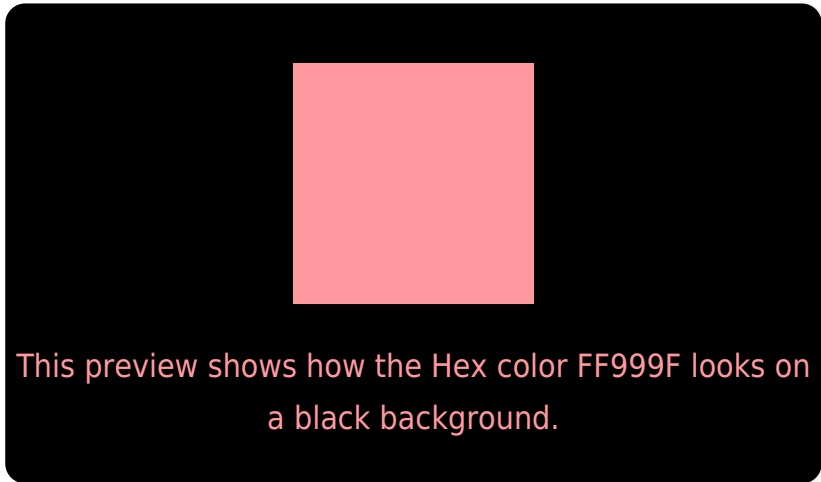
Large Text (above 18pt) WCAG AA × Fail

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 FF999F Background



This preview shows how black text looks on a background with the Hex color FF999F.

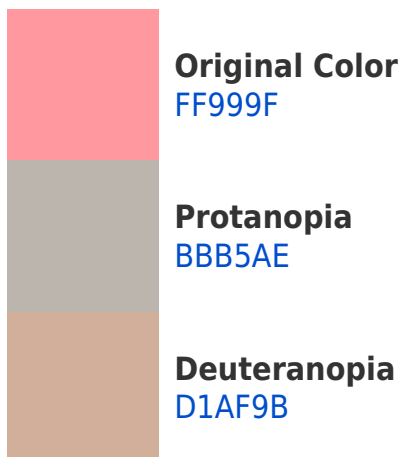


This preview shows how white text looks on a background with the Hex color FF999F.

# 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**  
FF98A4

# Trichromacy



**Original Color**  
FF999F



**Protanomaly**  
D4ABA9



**Deuteranomaly**  
E2A79C



**Tritanomaly**  
FF98A2

# Monochromacy



**Original Color**  
FF999F



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
D2ADAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF999F 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 #FF999F looks like.

```
.text, #text, p{  
    color:#FF999F  
}
```

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 #FF999F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF999F
}
```

## Border

The CSS property to change the border of an element to Hex FF999F is called "border". The border property can be set on classes, ids or directly on the HTML element.

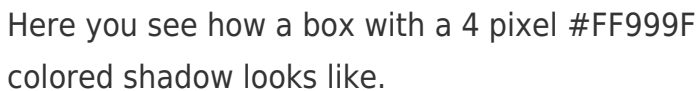
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF999F }
```

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

```
.border{ border-color:#FF999F }
```

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



Here you see how a box with a 4 pixel #FF999F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF999F; -webkit-box-shadow:4px 4px  
4px 4px #FF999F; box-shadow:4px 4px 4px  
4px #FF999F }
```

# Background

The CSS property to change the background color of an element to Hex FF999F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF999F }
```

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

```
.background{ background-color:#FF999F }
```

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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