

Converting Colors

Hex(FF99B9)

Have a look what the booklet for
Hex(FF99B9) contains.

Hex(FF99B9)	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(F999B9)

Conversions

Conversions Part 1

Format	Color
Hex	FF99B9
RGB	255, 153, 185
RGB Percent	100%, 60%, 73%
CMY	0.0000, 0.4000, 0.2745
CMYK	0.00, 0.40, 0.27, 0.00
HSL	341°, 100%, 80%
HSV	341°, 40%, 100%
XYZ	61.3882, 47.5452, 51.8406
YIQ	187.1460, 50.5200, 31.5760

Conversions

Conversions Part 2

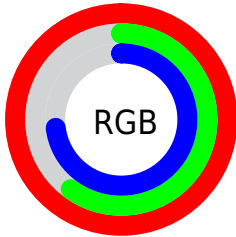
Format	Color
R_{YB}	255, 153, 185
Decimal	16751033
CIE _{Lab}	74.54, 41.95, -0.07
CIE _{LCh}	75, 41.954, 359.901
Yxy	47.5452, 0.3818, 0.2957
Android (android.graphics.Color)	4294941113 (0xFFFF99B9)
YUV	187.1460, -1.0580, 59.5080
Hunter-Lab	68.9531, 38.2488, 3.6915

Details

The Hex color **FF99B9** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **99FFDF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFD1F1**, and **C46484** is the 20% darker color. If you saturate the color by 10%, you get **FF80A7**, and if you desaturate by 10%, it is **FFB3CB**.

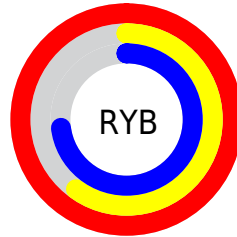
Distribution



Red (100%)

Green (60%)

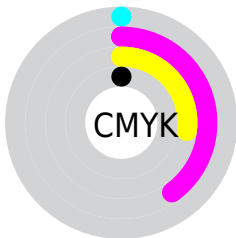
Blue (73%)



Red (100%)

Yellow (60%)

Blue (73%)

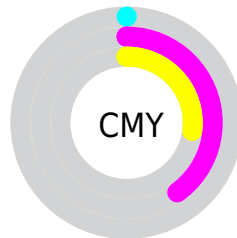


Cyan (0%)

Magenta (40%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF99B9 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 FF99B9 by changing the saturation by 10% instead.

 FF99B9

 FF99B9

FFFFFF

 E17E9E

 FFD1F1

 C46484

 FFE0FF

 A74A6B

 8B3053

 70143C

 550026

 3B0011

 200001

 000000

 FF99B9

 FF99B9

 FF80A7

 FFB3CB

 FF6696

 FFCCDC

 FF4D84

 FFE6EE

 FF3373

FFFFFF

 FF1961

 FF0050

Harmonies

Analogous

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



E8A0DF



FF99B9



FF9C93

Triad

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



FF99B9



A8C173



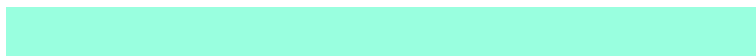
2DC5F9

Complementary

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



FF99B9



99FFDF

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.



00CBDD



FF99B9



7AC88F

Square

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



FF99B9



D0B569



41CCB6



7DBBFF

Rectangle

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



FF99B9



F7A37E



41CCB6



00C8F1

Sweetspot

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



FF99B9



FFE0EA



DF99FF



806E73



000000



808080

Same Dimension

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



FF99B9



FF85AB



FFAC99



807377



BF003C



400014

Inverse Universe

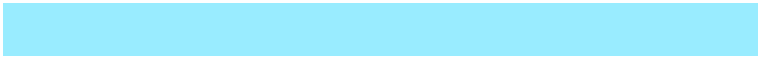
The Inverse Universe completely reimagines the original color for something new.



FF99B9



FF85AB



99ECFF



807377



BF003C



400014

Previews

White Background



This preview shows how the Hex color FF99B9 looks on a white background.

Color Contrast Check

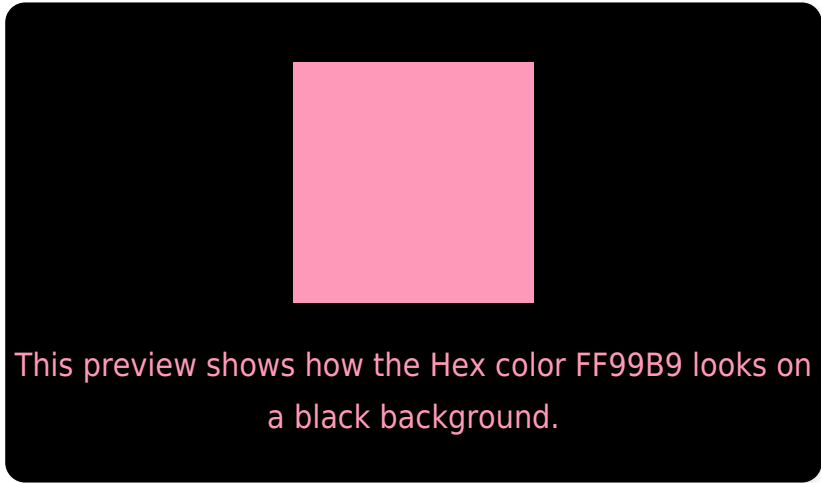
Large Text (above 18pt) WCAG AA × Fail

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 FF99B9 Background



This preview shows how black text looks on a background with the Hex color FF99B9.



This preview shows how white text looks on a background with the Hex color FF99B9.

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
FD9CA8

Trichromacy



Original Color
FF99B9



Protanomaly
D1ACC4



Deuteranomaly
DEA9B6



Tritanomaly
FE9BAE

Monochromacy



Original Color
FF99B9



Achromatopsia
BBBBBB



Achromatomaly
D4AFBA

CSS Examples

Text

The CSS property to change the color of the text to Hex FF99B9 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 #FF99B9 looks like.

```
.text, #text, p{  
    color:#FF99B9  
}
```

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 #FF99B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF99B9
}
```

Border

The CSS property to change the border of an element to Hex FF99B9 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
#FF99B9 }
```

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

```
.border{ border-color:#FF99B9 }
```

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

Here you see how a box with a 4 pixel #FF99B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF99B9; -webkit-box-shadow:4px 4px  
4px 4px #FF99B9; box-shadow:4px 4px 4px  
4px #FF99B9 }
```

Background

The CSS property to change the background color of an element to Hex FF99B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF99B9 }
```

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

```
.background{ background-color:#FF99B9 }
```

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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