

Converting Colors

Hex(FF9BB5)

Have a look what the booklet for
Hex(FF9BB5) contains.

Hex(FF9BB5)	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(F99BB5)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BB5
RGB	255, 155, 181
RGB Percent	100%, 61%, 71%
CMY	0.0000, 0.3922, 0.2902
CMYK	0.00, 0.39, 0.29, 0.00
HSL	344°, 100%, 80%
HSV	344°, 39%, 100%
XYZ	61.3018, 48.0389, 49.7575
YIQ	187.8640, 51.2540, 29.2860

Conversions

Conversions Part 2

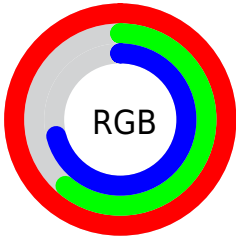
Format	Color
R _Y B	255, 155, 181
Decimal	16751541
CIE Lab	74.85, 40.41, 2.59
CIE LCh	75, 40.488, 3.663
Yxy	48.0389, 0.3853, 0.3019
Android (android.graphics.Color)	4294941621 (0xFFFF9BB5)
YUV	187.8640, -3.3840, 58.8783
Hunter-Lab	69.3101, 36.5830, 5.9529

Details

The Hex color **FF9BB5** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9BFFE5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFD3ED**, and **C46680** is the 20% darker color. If you saturate the color by 10%, you get **FF82A2**, and if you desaturate by 10%, it is **FFB4C8**.

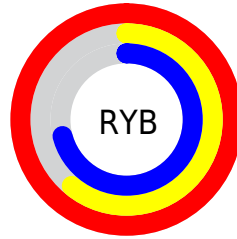
Distribution



Red (100%)

Green (61%)

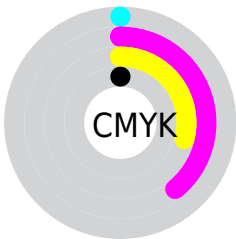
Blue (71%)



Red (100%)

Yellow (61%)

Blue (71%)

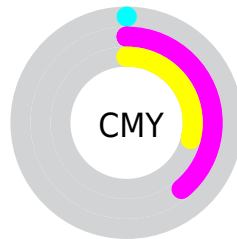


Cyan (0%)

Magenta (39%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9BB5 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 FF9BB5 by changing the saturation by 10% instead.

 FF9BB5

FFFFFF

 FFD3ED

 FFF0FF

 FF9BB5

 E1809A

 C46680

 A74C67

 8B334F

 701839

 550023

 3B000D

 200001

 000000

 FF9BB5

 FF9BB5

 FF82A2

 FFB4C8

 FF688F

 FFCEDB

 FF4F7C

 FFE8EE

 FF356A

FFFFFF

 FF1B57

 FF0244

 FF0042

Harmonies

Analogous

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



EBA1DA



FF9BB5



FE9F91

Triad

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



FF9BB5



A5C279



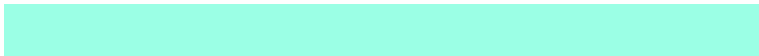
45C5FA

Complementary

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



FF9BB5



9BFFE5

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.



05CBE0



FF9BB5



77C996

Square

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



FF9BB5



CCB76D



42CCBC



89BAFF

Rectangle

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



FF9BB5



F4A67D



42CCBC



2CC7F3

Sweetspot

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



FF9BB5



FFE0E8



E49BFF



806E72



000000



808080

Same Dimension

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



FF9BB5



FF87A6



FFB29B



807376



BF0032



400011

Inverse Universe

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



FF9BB5



FF87A6



9BE8FF



807376



BF0032



400011

Previews

White Background



This preview shows how the Hex color FF9BB5 looks on a white background.

Color Contrast Check

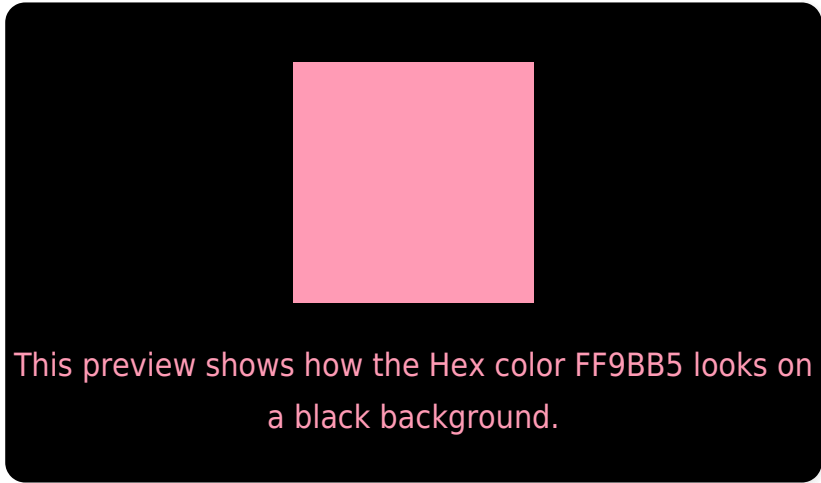
Large Text (above 18pt) WCAG AA × Fail

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 FF9BB5 Background



This preview shows how black text looks on a background with the Hex color FF9BB5.

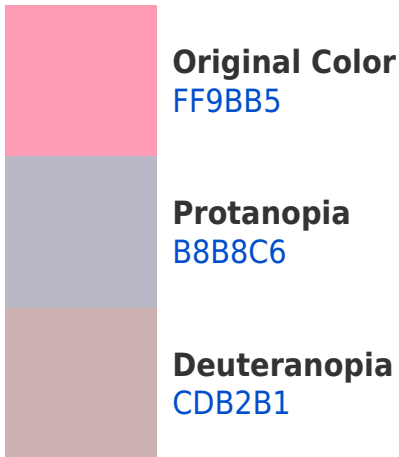


This preview shows how white text looks on a background with the Hex color FF9BB5.

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
FE9DA9

Trichromacy



Original Color
FF9BB5



Protanomaly
D2ADC0



Deuteranomaly
DFAAB2

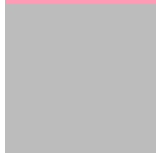


Tritanomaly
FE9CAD

Monochromacy



Original Color
FF9BB5



Achromatopsia
BCBCBC



Achromatomaly
D4B0B9

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9BB5 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 #FF9BB5 looks like.

```
.text, #text, p{  
    color:#FF9BB5  
}
```

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 #FF9BB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9BB5 }  
}
```

Border

The CSS property to change the border of an element to Hex FF9BB5 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 #FF9BB5 }  
}
```

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

```
.border{ border-color:#FF9BB5 }
```

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

Here you see how a box with a 4 pixel #FF9BB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9BB5; -webkit-box-shadow:4px 4px  
4px 4px #FF9BB5; box-shadow:4px 4px 4px  
4px #FF9BB5 }
```

Background

The CSS property to change the background color of an element to Hex FF9BB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9BB5 }
```

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

```
.background{ background-color:#FF9BB5 }
```

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