

# Converting Colors

Hex(FD9EAB)

Have a look what the booklet for  
Hex(FD9EAB) contains.

<b>Hex(FD9EAB)</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(FD9EAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD9EAB
RGB	253, 158, 171
RGB Percent	99%, 62%, 67%
CMY	0.0078, 0.3804, 0.3294
CMYK	0.00, 0.38, 0.32, 0.01
HSL	352°, 96%, 81%
HSV	352°, 38%, 99%
XYZ	60.0856, 48.2766, 44.6795
YIQ	187.8870, 52.4470, 24.1830

# Conversions

## Conversions Part 2

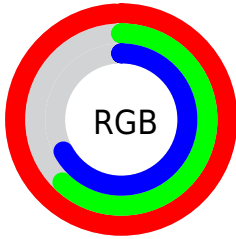
Format	Color
R <sub>Y</sub> B	253, 158, 171
Decimal	16621227
CIE Lab	75.00, 36.88, 8.27
CIE LCh	75, 37.801, 12.644
Yxy	48.2766, 0.3926, 0.3154
Android (android.graphics.Color)	4294811307 (0xFFFD9EAB)
YUV	187.8870, -8.3253, 57.1041
Hunter-Lab	69.4814, 32.7693, 10.5109

# Details

The Hex color **FD9EAB** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9EFD0**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFD6E2**, and **C26977** is the 20% darker color. If you saturate the color by 10%, you get **FD8595**, and if you desaturate by 10%, it is **FDB7C1**.

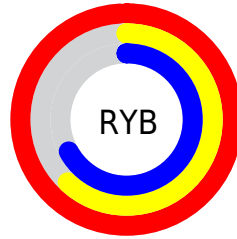
# Distribution



Red (99%)

Green (62%)

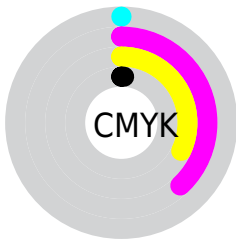
Blue (67%)



Red (99%)

Yellow (62%)

Blue (67%)

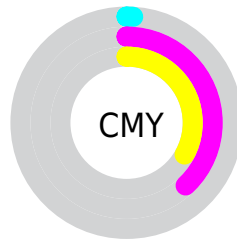


Cyan (0%)

Magenta (38%)

Yellow (32%)

Black (1%)



Cyan (1%)

Magenta (38%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD9EAB 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 FD9EAB by changing the saturation by 10% instead.



 FD9EAB

 FD9EAB

FFFFFF

 DF8391

 FFD6E2

 C26977

 FFF2FF

 A5505E

 893747

 6E1D30

 53001C

 3A0000

 1D0001

 000000

 FD9EAB

 FD9EAB

 FD8595

 FDB7C1

 FD6B7F

 FDD1D7

 FD5269

 FDEAED

 FD3954

 FDFFFF

 FD203E

 FD0628

 FD0023

# Harmonies

## Analogous

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



F0A0CE



FD9EAB



F7A48B

# Triad

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



FD9EAB



9BC484



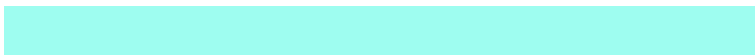
66C2FA

# Complementary

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



FD9EAB



9EFD0

# 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.



37C9E7



FD9EAB



70CAA3

# Square

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



FD9EAB



C1BB74



44CBC7



9FB7FC

# Rectangle

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



FD9EAB



EAAB7C



44CBC7



53C5F6



# Sweetspot

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



FD9EAB



FFE3E7



EF9EFD



806F71



000000



808080



# Same Dimension

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



FD9EAB



FF8C9C



FDBF9E



807374



BF001A



400009



# Inverse Universe

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



FD9EAB



FF8C9C



9EDCFD



807374



BF001A



400009



# Previews

## White Background



This preview shows how the Hex color FD9EAB looks on a white background.

## Color Contrast Check

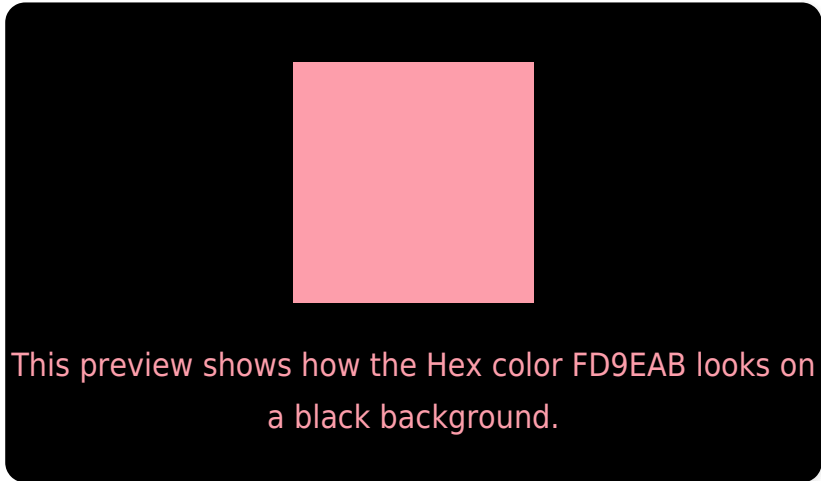
Large Text (above 18pt) WCAG AA × Fail

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 FD9EAB Background



This preview shows how black text looks on a background with the Hex color FD9EAB.

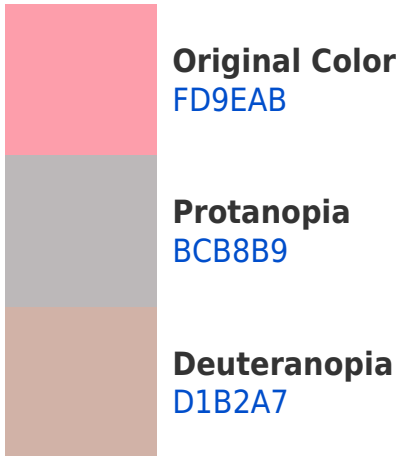


This preview shows how white text looks on a background with the Hex color FD9EAB.

# 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](#).

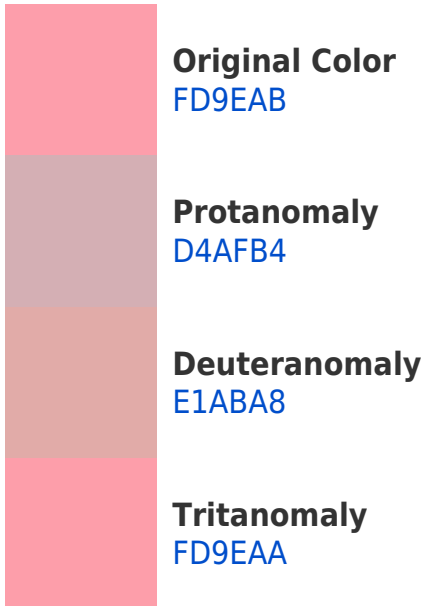
## Dichromacy



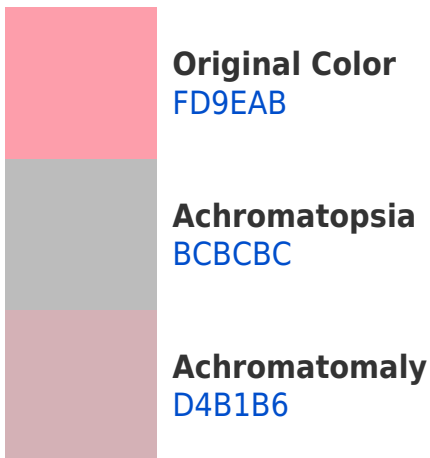


**Tritanopia**  
FD9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD9EAB 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 #FD9EAB looks like.

```
.text, #text, p{  
    color:#FD9EAB  
}
```

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 #FD9EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD9EAB
}
```

## Border

The CSS property to change the border of an element to Hex FD9EAB is called "border". The border property can be set on classes, ids or directly on the HTML element.

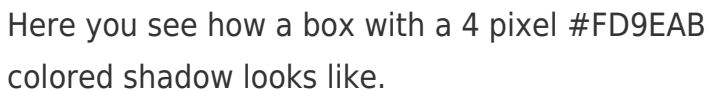
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FD9EAB }
```

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

```
.border{ border-color:#FD9EAB }
```

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



Here you see how a box with a 4 pixel `#FD9EAB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD9EAB; -webkit-box-shadow:4px 4px  
4px 4px #FD9EAB; box-shadow:4px 4px 4px  
4px #FD9EAB }
```

# Background

The CSS property to change the background color of an element to Hex FD9EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD9EAB }
```

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

```
.background{ background-color:#FD9EAB }
```

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