

# Converting Colors

Hex(FF9293)

Have a look what the booklet for  
Hex(FF9293) contains.

<b>Hex(FF9293)</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(F9293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9293
RGB	255, 146, 147
RGB Percent	100%, 57%, 58%
CMY	0.0000, 0.4275, 0.4235
CMYK	0.00, 0.43, 0.42, 0.00
HSL	359°, 100%, 79%
HSV	359°, 43%, 100%
XYZ	56.7853, 43.9244, 33.0891
YIQ	178.7050, 64.6430, 23.4190

# Conversions

## Conversions Part 2

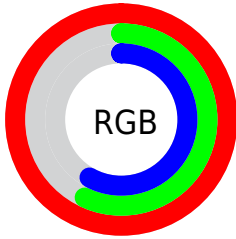
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 146, 147</a>
Decimal	<a href="#">16749203</a>
CIELab	<a href="#">72.18, 41.04, 17.57</a>
CIElCh	<a href="#">72, 44.641, 23.174</a>
Yxy	<a href="#">43.9244, 0.4244, 0.3283</a>
Android (android.graphics.Color)	<a href="#">4294939283 (0xFFFF9293)</a>
YUV	<a href="#">178.7050, -15.6306, 66.9107</a>
Hunter-Lab	<a href="#">66.2755, 36.9582, 16.7913</a>

# Details

The Hex color **FF9293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92FFFE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFC9C9**, and **C35D61** is the 20% darker color. If you saturate the color by 10%, you get **FF797A**, and if you desaturate by 10%, it is **FFABAC**.

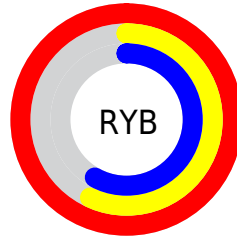
# Distribution



Red (100%)

Green (57%)

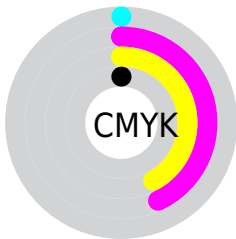
Blue (58%)



Red (100%)

Yellow (57%)

Blue (58%)

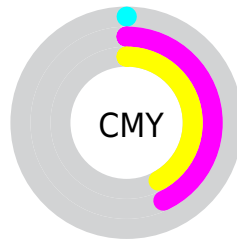


Cyan (0%)

Magenta (43%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9293 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 FF9293 by changing the saturation by 10% instead.



 FF9293

 FF9293

FFFFFF

 E17779

 FFC9C9

 C35D61

 FFE6E5

 A64349

 892932

 6D0B1D

 510005

 370001

 110000

 000000

 FF9293

 FF9293

 FF797A

 FFABAC

 FF5F60

 FFC5C6

 FF4547

 FFDFDF

 FF2C2E

 FFF8F8

 FF1215

FFFFFF

 FF0002

# Harmonies

## Analogous

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



F991BC



FF9293



F19D71

# Triad

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



FF9293



7BC17F



5CB8FF

# Complementary

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



FF9293



92FFFE

# 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.



00C2F1



FF9293



3BC6A6

# Square

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



FF9293



ABB864



00C6D0



A7AAFC

# Rectangle

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



FF9293



DEA763



00C6D0



3ABCFE

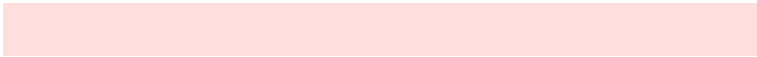


# Sweetspot

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



FF9293



FFDEDE



FD92FF



806B6B



000000



808080



# Same Dimension

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



FF9293



FF7D7E



FFC792



807373



BF0002



400001



# Inverse Universe

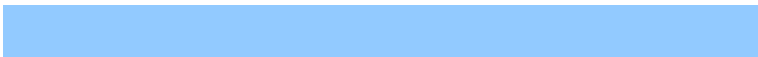
The Inverse Universe completely reimagines the original color for something new.



FF9293



FF7D7E



92CAFF



807373



BF0002



400001



# Previews

## White Background



This preview shows how the Hex color FF9293 looks on a white background.

## Color Contrast Check

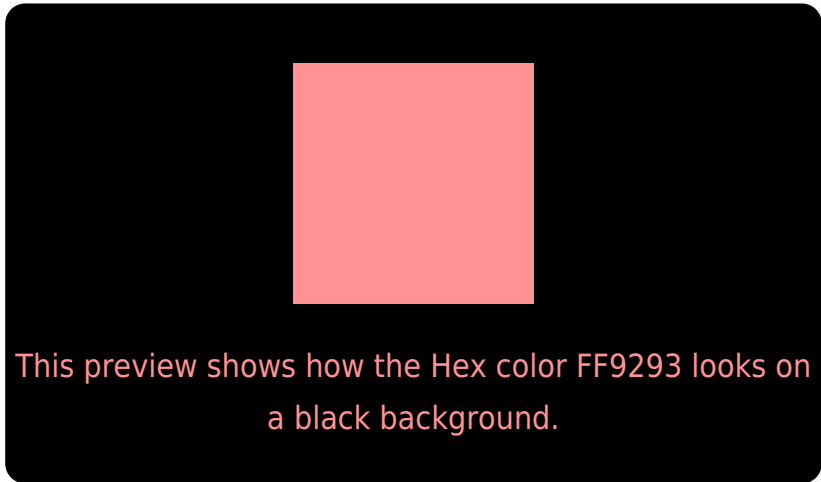
Large Text (above 18pt) WCAG AA × Fail

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 FF9293 Background



This preview shows how black text looks on a background with the Hex color FF9293.

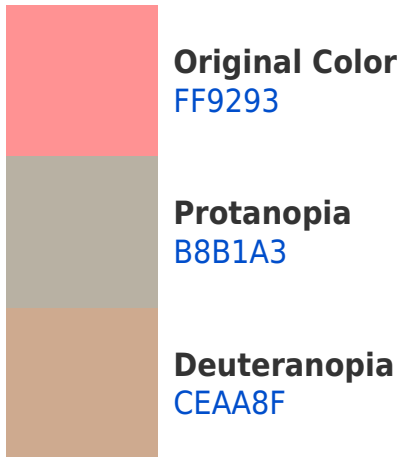



This preview shows how white text looks on a background with the Hex color FF9293.

# 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**  
FF919C

# Trichromacy



**Original Color**  
FF9293



**Protanomaly**  
D2A69D



**Deuteranomaly**  
E0A190



**Tritanomaly**  
FF9199

# Monochromacy



**Original Color**  
FF9293



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
CFA7A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9293 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 #FF9293 looks like.

```
.text, #text, p{  
    color:#FF9293  
}
```

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 #FF9293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9293
}
```

## Border

The CSS property to change the border of an element to Hex FF9293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

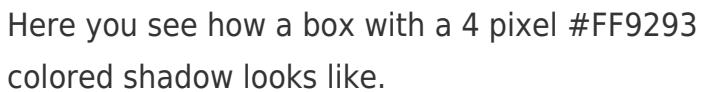
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF9293 }
```

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

```
.border{ border-color:#FF9293 }
```

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



Here you see how a box with a 4 pixel #FF9293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9293; -webkit-box-shadow:4px 4px  
4px 4px #FF9293; box-shadow:4px 4px 4px  
4px #FF9293 }
```

# Background

The CSS property to change the background color of an element to Hex FF9293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9293 }
```

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

```
.background{ background-color:#FF9293 }
```

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