

# Converting Colors

Hex(FE8AA8)

Have a look what the booklet for  
Hex(FE8AA8) contains.

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# **Color**

**Hex(FE8AA8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE8AA8
RGB	254, 138, 168
RGB Percent	100%, 54%, 66%
CMY	0.0039, 0.4588, 0.3412
CMYK	0.00, 0.46, 0.34, 0.00
HSL	344°, 98%, 77%
HSV	344°, 46%, 100%
XYZ	57.0294, 42.0749, 42.1613
YIQ	176.1040, 59.5060, 33.9220

# Conversions

## Conversions Part 2

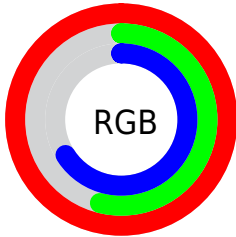
Format	Color
<a href="#">RYB</a>	<a href="#">254, 138, 168</a>
Decimal	<a href="#">16681640</a>
<a href="#">CIELab</a>	<a href="#">70.92, 47.05, 4.09</a>
<a href="#">CIElCh</a>	<a href="#">71, 47.231, 4.970</a>
<a href="#">Yxy</a>	<a href="#">42.0749, 0.4037, 0.2978</a>
Android (android.graphics.Color)	<a href="#">4294871720</a> (0xFFFE8AA8)
<a href="#">YUV</a>	<a href="#">176.1040, -3.9953, 68.3148</a>
<a href="#">Hunter-Lab</a>	<a href="#">64.8652, 43.4229, 6.8681</a>

# Details

The Hex color **FE8AA8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8AFEE0**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFC2DF**, and **C25474** is the 20% darker color. If you saturate the color by 10%, you get **FE7195**, and if you desaturate by 10%, it is **FEA3BB**.

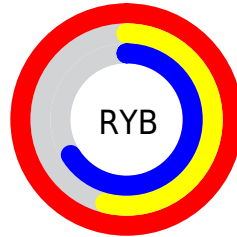
# Distribution



Red (100%)

Green (54%)

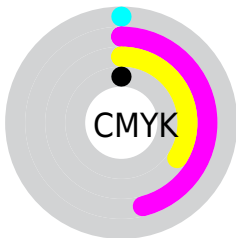
Blue (66%)



Red (100%)

Yellow (54%)

Blue (66%)

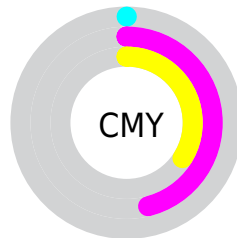


Cyan (0%)

Magenta (46%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE8AA8 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 FE8AA8 by changing the saturation by 10% instead.



 FE8AA8

 FE8AA8

FFFFFF

 E06F8E

 FFC2DF

 C25474

 FFDEFC

 A53A5C

 FFFBFF

 891D44

 6D002E

 51001A

 390002

 120000

 000000

 FE8AA8

 FE8AA8

 FE7195

 FEA3BB

 FE5782

 FEBDCE

 FE3E70

 FED6E0

 FE245D

 FEF0F3

 FE0B4A

FEFFFF

 FE0042

# Harmonies

## Analogous

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



E990D3



FE8AA8



FB907F

# Triad

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



FE8AA8



94B965



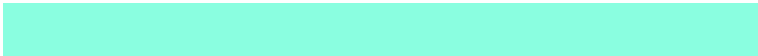
00BCFB

# Complementary

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



FE8AA8



8AFEE0

# 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.



00C2DE



FE8AA8



5BC188

# Square

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



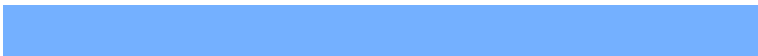
FE8AA8



C1AD56



00C4B4



74B0FF

# Rectangle

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



FE8AA8



EE9968



00C4B4



00BEF3



# Sweetspot

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



FE8AA8



FFDBE5



DF8AFE



806A6F



000000



808080



# Same Dimension

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



FE8AA8



FF7397



FEA58A



807376



BF0031



400010



# Inverse Universe

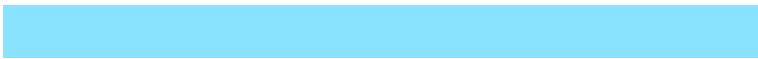
The Inverse Universe completely reimagines the original color for something new.



FE8AA8



FF7397



8AE3FE



807376



BF0031

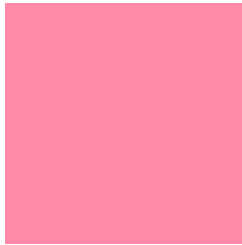


400010



# Previews

## White Background



This preview shows how the Hex color FE8AA8 looks on a white background.

## Color Contrast Check

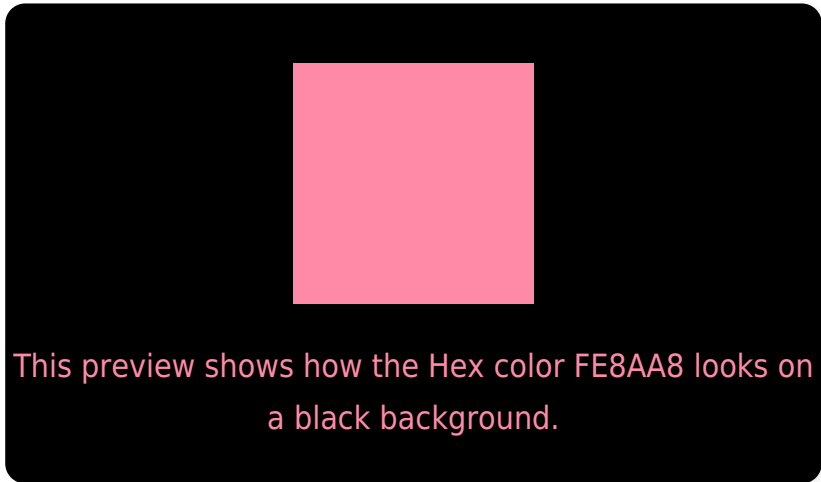
Large Text (above 18pt) WCAG AA × Fail

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 FE8AA8 Background



This preview shows how black text looks on a background with the Hex color FE8AA8.

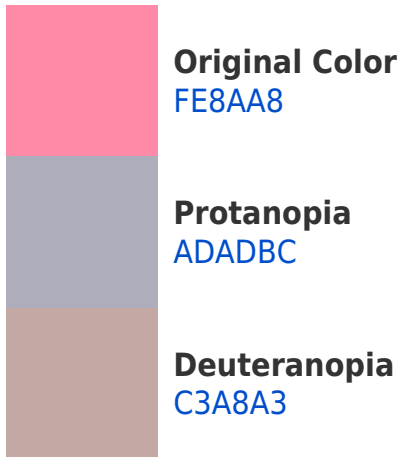


This preview shows how white text looks on a background with the Hex color FE8AA8.

# 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**  
FD8D97

# Trichromacy



**Original Color**  
FE8AA8



**Protanomaly**  
CAA0B5



**Deuteranomaly**  
D89DA5



**Tritanomaly**  
FD8C9D

# Monochromacy



**Original Color**  
FE8AA8



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
CCA2AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE8AA8 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 #FE8AA8 looks like.

```
.text, #text, p{  
    color:#FE8AA8  
}
```

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 #FE8AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE8AA8
}
```

## Border

The CSS property to change the border of an element to Hex FE8AA8 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
#FE8AA8 }
```

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

```
.border{ border-color:#FE8AA8 }
```

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

Here you see how a box with a 4 pixel #FE8AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE8AA8; -webkit-box-shadow:4px 4px  
4px 4px #FE8AA8; box-shadow:4px 4px 4px  
4px #FE8AA8 }
```

# Background

The CSS property to change the background color of an element to Hex FE8AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE8AA8 }
```

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

```
.background{ background-color:#FE8AA8 }
```

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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