

# Converting Colors

Hex(F7A1A8)

Have a look what the booklet for  
Hex(F7A1A8) contains.

<b>Hex(F7A1A8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F7A1A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7A1A8
RGB	247, 161, 168
RGB Percent	97%, 63%, 66%
CMY	0.0314, 0.3686, 0.3412
CMYK	0.00, 0.35, 0.32, 0.03
HSL	355°, 84%, 80%
HSV	355°, 35%, 97%
XYZ	58.1705, 48.0910, 43.2624
YIQ	187.5120, 49.0090, 20.4090

# Conversions

## Conversions Part 2

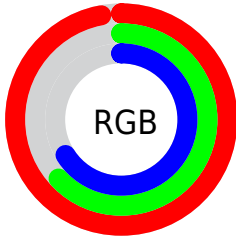
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 161, 168
Decimal	16228776
CIE <sub>Lab</sub>	74.88, 32.78, 9.66
CIE <sub>LCh</sub>	75, 34.173, 16.422
Yxy	48.0910, 0.3890, 0.3216
Android (android.graphics.Color)	4294418856 (0xFFFF7A1A8)
YUV	187.5120, -9.6194, 52.1710
Hunter-Lab	69.3477, 28.3716, 11.5555

# Details

The Hex color **F7A1A8** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **A1F7F0**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFD9DF**, and **BD6C74** is the 20% darker color. If you saturate the color by 10%, you get **F78891**, and if you desaturate by 10%, it is **F7BABF**.

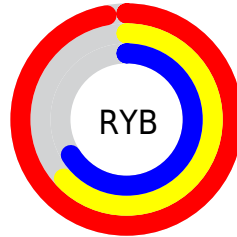
# Distribution



Red (97%)

Green (63%)

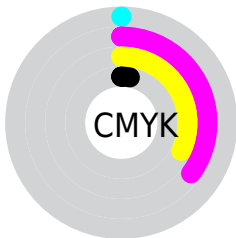
Blue (66%)



Red (97%)

Yellow (63%)

Blue (66%)

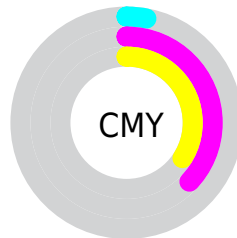


Cyan (0%)

Magenta (35%)

Yellow (32%)

Black (3%)



Cyan (3%)

Magenta (37%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7A1A8 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 F7A1A8 by changing the saturation by 10% instead.



 F7A1A8

 F7A1A8

FFFFFF

 DA868E

 FFD9DF

 BD6C74

 FFF5FC

 A0535C

 853A44

 69222E

 4F0719

 360000

 170000

 000000

 F7A1A8

 F7A1A8

 F78891

 F7BABF

 F7707B

 F7D2D5

 F75764

 F7EBEC

 F73E4D

 F7FFFF

 F72537

 F70D20

 F70014

# Harmonies

## Analogous

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



EDA2C8



F7A1A8



F0A78C

# Triad

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



F7A1A8



99C48C



78C0F5

# Complementary

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



F7A1A8



A1F7F0

# 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.



52C7E5



F7A1A8



74C9A8

# Square

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



F7A1A8



BDBC7B



54CAC9



A8B5F4

# Rectangle

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



F7A1A8



E3AE7F



54CAC9



69C2F1



# Sweetspot

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



F7A1A8



FFE6E8



F0A1F7



807071



000000



808080



# Same Dimension

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



F7A1A8



FF949D



F7C5A1



7A6E6F



BA000F



3B0005



# Inverse Universe

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



F7A1A8



FF949D



A1D3F7



7A6E6F



BA000F



3B0005



# Previews

## White Background



This preview shows how the Hex color F7A1A8 looks on a white background.

## Color Contrast Check

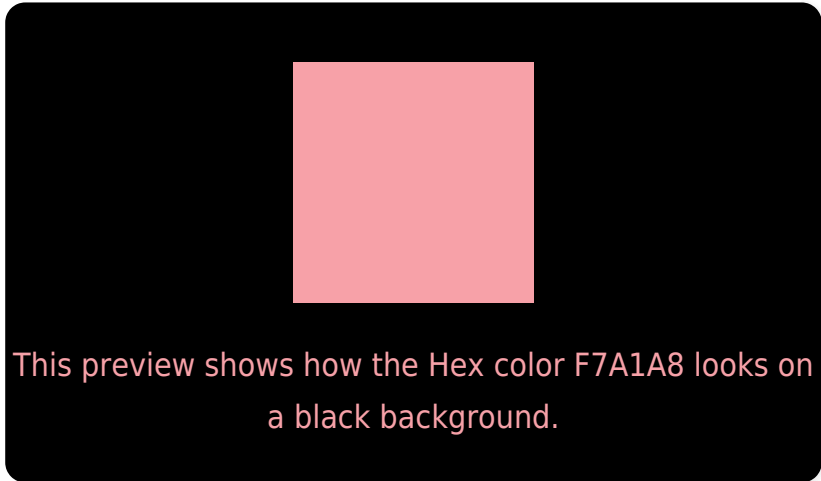
Large Text (above 18pt) WCAG AA × Fail

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 F7A1A8 Background



This preview shows how black text looks on a background with the Hex color F7A1A8.

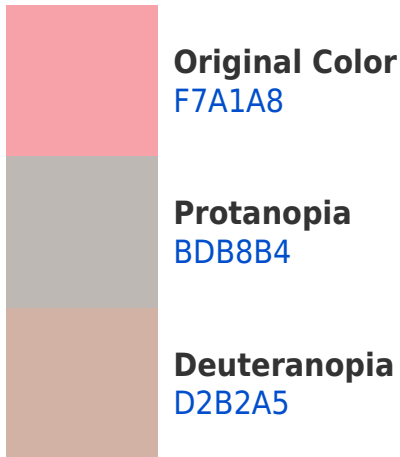


This preview shows how white text looks on a background with the Hex color F7A1A8.

# 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](#).

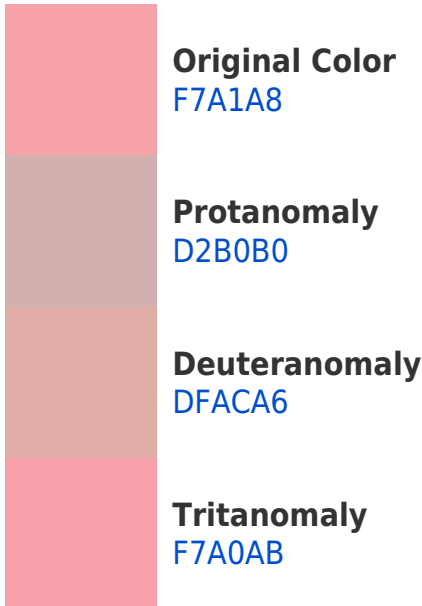
## Dichromacy



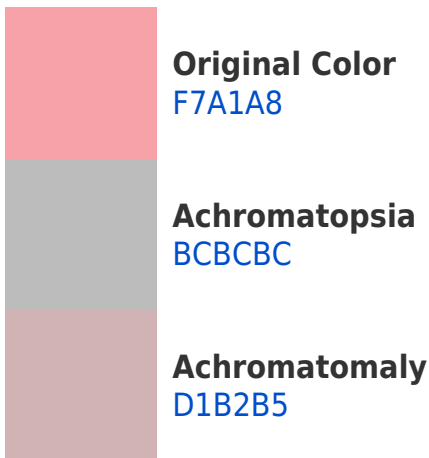


**Tritanopia**  
F7A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7A1A8 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 #F7A1A8 looks like.

```
.text, #text, p{  
    color:#F7A1A8  
}
```

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 #F7A1A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7A1A8
}
```

## Border

The CSS property to change the border of an element to Hex F7A1A8 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
#F7A1A8 }
```

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

```
.border{ border-color:#F7A1A8 }
```

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

Here you see how a box with a 4 pixel #F7A1A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7A1A8; -webkit-box-shadow:4px 4px  
4px 4px #F7A1A8; box-shadow:4px 4px 4px  
4px #F7A1A8 }
```

# Background

The CSS property to change the background color of an element to Hex F7A1A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7A1A8 }
```

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

```
.background{ background-color:#F7A1A8 }
```

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