

# Converting Colors

Hex(F7AA97)

Have a look what the booklet for  
Hex(F7AA97) contains.

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**Color**

**Hex(F7AA97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7AA97
RGB	247, 170, 151
RGB Percent	97%, 67%, 59%
CMY	0.0314, 0.3333, 0.4078
CMYK	0.00, 0.31, 0.39, 0.03
HSL	12°, 86%, 78%
HSV	12°, 39%, 97%
XYZ	58.3184, 50.7580, 36.0017
YIQ	190.8570, 51.9910, 10.4150

# Conversions

## Conversions Part 2

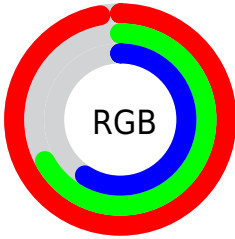
Format	Color
R <sub>Y</sub> B	247, 175, 151
Decimal	16231063
CIE Lab	76.53, 26.03, 21.24
CIE LCh	77, 33.594, 39.216
Yxy	50.7580, 0.4020, 0.3499
Android (android.graphics.Color)	4294421143 (0xFFF7AA97)
YUV	190.8570, -19.6495, 49.2374
Hunter-Lab	71.2446, 21.4359, 19.9105

# Details

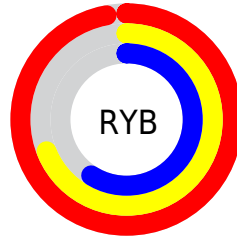
The Hex color **F7AA97** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **97E4F7**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFE2CD**, and **BC7564** is the 20% darker color. If you saturate the color by 10%, you get **F7967E**, and if you desaturate by 10%, it is **F7BEB0**.

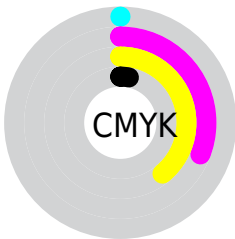
# Distribution



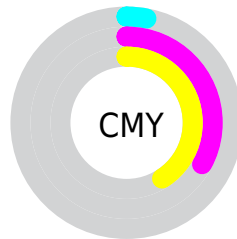
- Red (97%)
- Green (67%)
- Blue (59%)



- Red (97%)
- Yellow (69%)
- Blue (59%)



- Cyan (0%)
- Magenta (31%)
- Yellow (39%)
- Black (3%)



- Cyan (3%)
- Magenta (33%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7AA97 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 F7AA97 by changing the saturation by 10% instead.



 F7AA97

 F7AA97

FFFFFF

 D98F7D

 FFE2CD

 BC7564

 FFFFE9

 A05C4C

 844435

 692C20

 4E1509

 340000

 170000

 000000

 F7AA97

 F7AA97

 F7967E

 F7BEB0

 F78266

 F7D2C8

 F76F4D

 F7E5E1

 F75B34

 F7F9FA

 F7471B

 F7FFFF

 F73303

 F73100

# Harmonies

## Analogous

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



FAA6B4



F7AA97



E5B383

# Triad

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



F7AA97



82CCA6



A2BDFA

# Complementary

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



F7AA97



97E4F7

# 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.



74C6F6



F7AA97



61CEC6

# Square

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



F7AA97



A7C78C



57CCE3



CDB1ED

# Rectangle

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



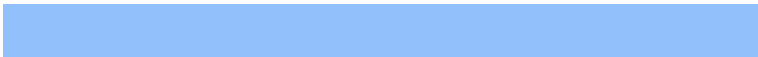
F7AA97



D3BB7F



57CCE3



92C0FA

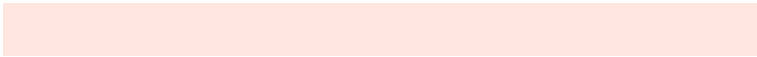


# Sweetspot

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



F7AA97



FFE6E0



F797E5



80716E



000000



808080



# Same Dimension

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



F7AA97



FF9F87



F7D997



7A716E



BA2500



3B0C00

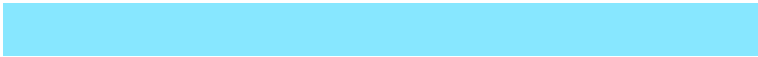


# Inverse Universe

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



97E4F7



87E7FF



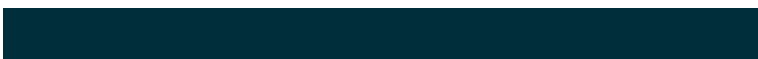
97B5F7



6E787A



0095BA



002F3B



# Previews

## White Background



This preview shows how the Hex color F7AA97 looks on a white background.

## Color Contrast Check

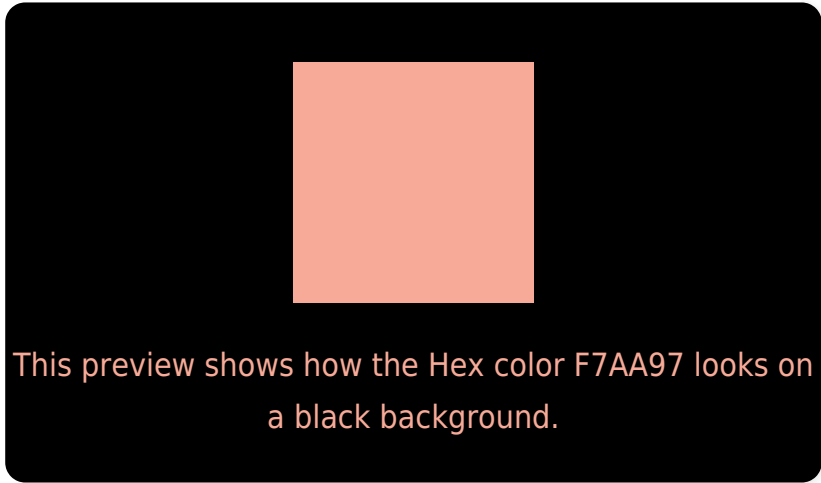
Large Text (above 18pt) WCAG AA × Fail

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 F7AA97 Background



This preview shows how black text looks on a background with the Hex color F7AA97.

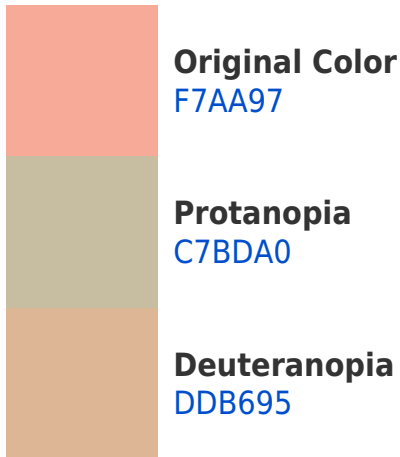


This preview shows how white text looks on a background with the Hex color F7AA97.

# 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**  
FAA6B3

# Trichromacy



**Original Color**  
F7AA97

**Protanomaly**  
D8B69D

**Deuteranomaly**  
E6B296

**Tritanomaly**  
F9A7A9

# Monochromacy



**Original Color**  
F7AA97

**Achromatopsia**  
BFBFBF

**Achromatomaly**  
D3B7B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7AA97 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 #F7AA97 looks like.

```
.text, #text, p{  
    color:#F7AA97  
}
```

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 #F7AA97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7AA97
}
```

## Border

The CSS property to change the border of an element to Hex F7AA97 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
#F7AA97 }
```

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

```
.border{ border-color:#F7AA97 }
```

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

Here you see how a box with a 4 pixel #F7AA97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7AA97; -webkit-box-shadow:4px 4px  
4px 4px #F7AA97; box-shadow:4px 4px 4px  
4px #F7AA97 }
```

# Background

The CSS property to change the background color of an element to Hex F7AA97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7AA97 }
```

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

```
.background{ background-color:#F7AA97 }
```

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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