

# Converting Colors

Hex(F0AEA8)

Have a look what the booklet for  
Hex(F0AEA8) contains.

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# **Color**

**Hex(F0AEA8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0AEA8
RGB	240, 174, 168
RGB Percent	94%, 68%, 66%
CMY	0.0588, 0.3176, 0.3412
CMYK	0.00, 0.27, 0.30, 0.06
HSL	5°, 71%, 80%
HSV	5°, 30%, 94%
XYZ	58.1391, 51.6245, 43.9461
YIQ	193.0500, 41.2620, 12.1260

# Conversions

## Conversions Part 2

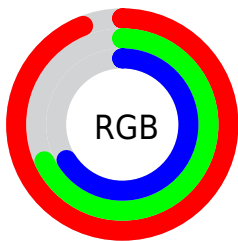
Format	Color
R <sub>Y</sub> B	240, 175, 168
Decimal	15773352
CIE Lab	77.06, 23.33, 12.64
CIE LCh	77, 26.537, 28.440
Yxy	51.6245, 0.3782, 0.3359
Android (android.graphics.Color)	4293963432 (0xFFFF0AEA8)
YUV	193.0500, -12.3496, 41.1752
Hunter-Lab	71.8502, 18.6992, 14.0313

# Details

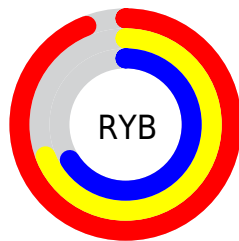
The Hex color **F0AEA8** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A8EAF0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFE6DF**, and **B77974** is the 20% darker color. If you saturate the color by 10%, you get **F09890**, and if you desaturate by 10%, it is **F0C4C0**.

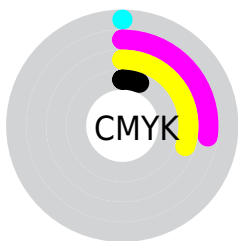
# Distribution



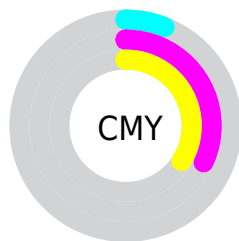
- Red (94%)
- Green (68%)
- Blue (66%)



- Red (94%)
- Yellow (69%)
- Blue (66%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (32%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0AEA8 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 F0AEA8 by changing the saturation by 10% instead.



 F0AEA8

 F0AEA8

FFFFFF

 D3938E

 FFE6DF

 B77974

FFFFFFC

 9B605B

 804844

 65302E

 4B1A19

 330300

 170000

 000000

 F0AEA8

 F0AEA8

 F09890

 F0C4C0

 F08278

 F0DAD8

 F06C60

 F0F0F0

 F05648

 F0FFFF

 F04030

 F02A18

 F01400

# Harmonies

## Analogous

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



EDADC0



F0AE8



E6B495

# Triad

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



F0AEA8



9BC9A4



9FC1EF

# Complementary

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



F0AEA8



A8EAF0

# 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.



81C8E7



F0AEA8



82CCBC

# Square

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



F0AEA8



B7C493



77CBD5



C1B8E9

# Rectangle

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



F0AE8



D9B98F



77CBD5



94C3EE

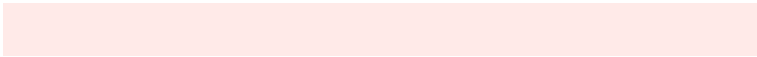


# Sweetspot

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



F0AE8



FFEAE8



F0A8EA



807371



000000



808080



# Same Dimension

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



F0AE8



FFABA3



F0D2A8



786D6C



B80F00



380500



# Inverse Universe

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



A8EAF0



A3F7FF



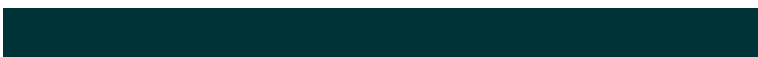
A8C6F0



6C7778



00A8B8



003338



# Previews

## White Background



This preview shows how the Hex color F0AEA8 looks on a white background.

## Color Contrast Check

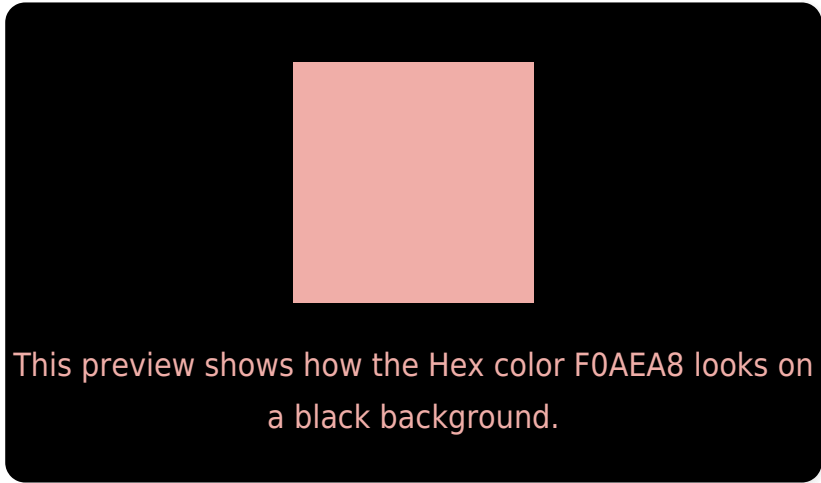
Large Text (above 18pt) WCAG AA × Fail

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 F0AEA8 Background



This preview shows how black text looks on a background with the Hex color F0AEA8.

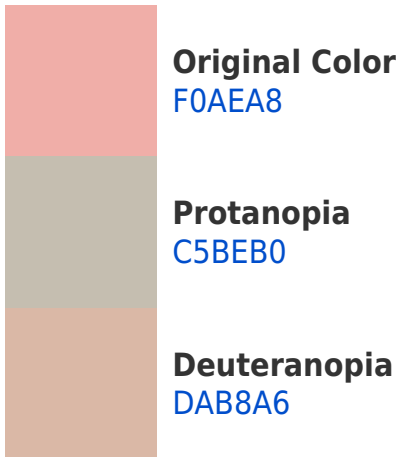


This preview shows how white text looks on a background with the Hex color F0AEA8.

# 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**  
F2ABB9

# Trichromacy



**Original Color**  
F0AEA8

**Protanomaly**  
D5B8AD

**Deuteranomaly**  
E2B4A7

**Tritanomaly**  
F1ACB3

# Monochromacy



**Original Color**  
F0AEA8

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
D2BAB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0AEA8 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 #F0AEA8 looks like.

```
.text, #text, p{  
    color:#F0AEA8  
}
```

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 #F0AEA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0AEA8  
}
```

## Border

The CSS property to change the border of an element to Hex F0AEA8 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  
#F0AEA8 }
```

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

```
.border{ border-color:#F0AEA8 }
```

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

Here you see how a box with a 4 pixel #F0AEA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0AEA8; -webkit-box-shadow:4px 4px  
4px 4px #F0AEA8; box-shadow:4px 4px 4px  
4px #F0AEA8 }
```

# Background

The CSS property to change the background color of an element to Hex F0AEA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0AEA8 }
```

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

```
.background{ background-color:#F0AEA8 }
```

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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