

# Converting Colors

Hex(F0A6AE)

Have a look what the booklet for  
Hex(F0A6AE) contains.

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# **Color**

**Hex(F0A6AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0A6AE
RGB	240, 166, 174
RGB Percent	94%, 65%, 68%
CMY	0.0588, 0.3490, 0.3176
CMYK	0.00, 0.31, 0.27, 0.06
HSL	354°, 71%, 80%
HSV	354°, 31%, 94%
XYZ	57.2114, 48.8537, 46.4587
YIQ	189.0380, 41.5360, 18.1760

# Conversions

## Conversions Part 2

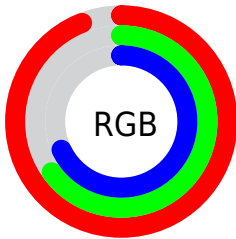
<b>Format</b>	<b>Color</b>
<b>RYB</b>	240, 166, 174
Decimal	15771310
CIELab	75.36, 28.37, 6.95
CIELCh	75, 29.212, 13.763
Yxy	48.8537, 0.3751, 0.3203
Android (android.graphics.Color)	4293961390 (0xFFFF0A6AE)
YUV	189.0380, -7.4137, 44.6937
Hunter-Lab	69.8954, 23.7903, 9.5174

# Details

The Hex color **F0A6AE** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A6F0E8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFDEE5**, and **B6717A** is the 20% darker color. If you saturate the color by 10%, you get **F08E99**, and if you desaturate by 10%, it is **F0BEC3**.

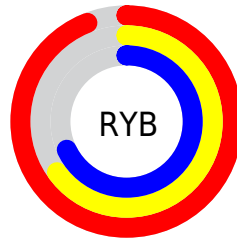
# Distribution



Red (94%)

Green (65%)

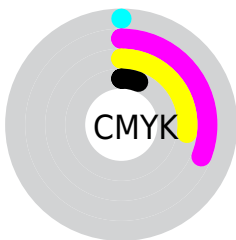
Blue (68%)



Red (94%)

Yellow (65%)

Blue (68%)

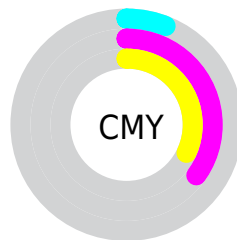


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (6%)



Cyan (6%)

Magenta (35%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0A6AE 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 F0A6AE by changing the saturation by 10% instead.



 F0A6AE

 F0A6AE

FFFFFF

 D38B93

 FFDEE5

 B6717A

 FFFAFF

 9B5861

 7F4049

 652833

 4B111E

 330004

 130000

 000000

 F0A6AE

 F0A6AE

 F08E99

 F0BEC3

 F07683

 F0D6D9

 F05E6E

 F0E0EE

 F04658

 F0FFFF

 F02E43

 F0162E

 F0001A

# Harmonies

## Analogous

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



E6A8C9



F0A6AE



EBAB96

# Triad

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



F0A6AE



A2C392



83C0ED

# Complementary

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



F0A6AE



A6F0E8

# 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.



6AC6DE



F0A6AE



83C8AA

# Square

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



F0A6AE



C0BC85



6CC9C5



A9B8EE

# Rectangle

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



F0A6AE



E1B08A



6CC9C5



79C3E9



# Sweetspot

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



F0A6AE



FFE8EB



E7A6F0



807173



000000



808080



# Same Dimension

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



F0A6AE



FFA1AB



F0C2A6



786C6D



B80014



380006



# Inverse Universe

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



F0A6AE



FFA1AB



A6D4F0



786C6D



B80014



380006



# Previews

## White Background



This preview shows how the Hex color F0A6AE looks on a white background.

## Color Contrast Check

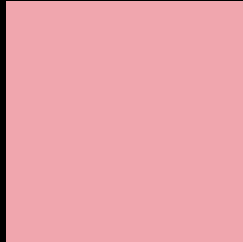
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F0A6AE looks on a 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 F0A6AE Background



This preview shows how black text looks on a background with the Hex color F0A6AE.

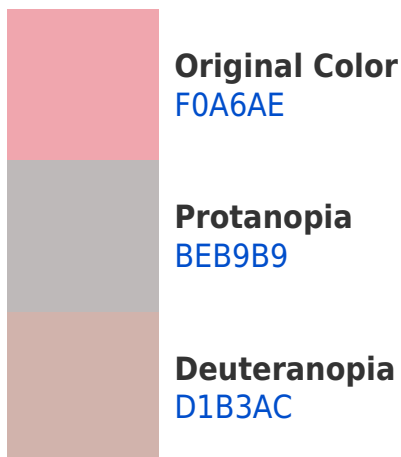


This preview shows how white text looks on a background with the Hex color F0A6AE.

# 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





# Trichromacy



**Original Color**  
F0A6AE



**Protanomaly**  
D0B2B5



**Deuteranomaly**  
DCAEAD



**Tritanomaly**  
F0A5B1

# Monochromacy



**Original Color**  
F0A6AE



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
D0B5B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0A6AE 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 #F0A6AE looks like.

```
.text, #text, p{  
  color:#F0A6AE  
}
```

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 #F0A6AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A6AE
}
```

## Border

The CSS property to change the border of an element to Hex F0A6AE 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
#F0A6AE }
```

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

```
.border{ border-color:#F0A6AE }
```

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

Here you see how a box with a 4 pixel #F0A6AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A6AE; -webkit-box-shadow:4px 4px  
4px 4px #F0A6AE; box-shadow:4px 4px 4px  
4px #F0A6AE }
```

# Background

The CSS property to change the background color of an element to Hex F0A6AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A6AE }
```

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

```
.background{ background-color:#F0A6AE }
```

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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