

# Converting Colors

Hex(FFAAE4)

Have a look what the booklet for  
Hex(FFAAE4) contains.

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# **Color**

**Hex(FFAAE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAAE4
RGB	255, 170, 228
RGB Percent	100%, 67%, 89%
CMY	0.0000, 0.3333, 0.1059
CMYK	0.00, 0.33, 0.11, 0.00
HSL	319°, 100%, 83%
HSV	319°, 33%, 100%
XYZ	69.6183, 55.6109, 80.4635
YIQ	202.0270, 32.0420, 36.0580

# Conversions

## Conversions Part 2

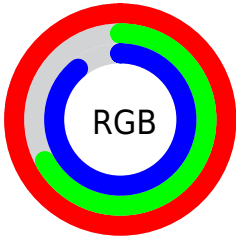
Format	Color
R <sub>Y</sub> B	255, 170, 228
Decimal	16755428
CIE Lab	79.39, 39.54, -16.35
CIE LCh	79, 42.787, 337.535
Yxy	55.6109, 0.3385, 0.2704
Android (android.graphics.Color)	4294945508 (0xFFFFAAE4)
YUV	202.0270, 12.8047, 46.4573
Hunter-Lab	74.5727, 36.1387, -11.7726

# Details

The Hex color **FFAAE4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **AAFFC5**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFE2FF**, and **C574AD** is the 20% darker color. If you saturate the color by 10%, you get **FF91DC**, and if you desaturate by 10%, it is **FFC3EC**.

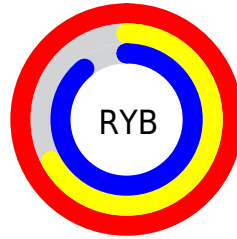
# Distribution



Red (100%)

Green (67%)

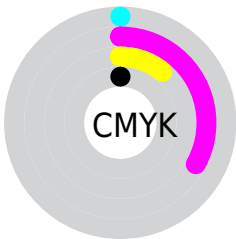
Blue (89%)



Red (100%)

Yellow (67%)

Blue (89%)

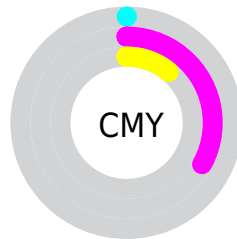


Cyan (0%)

Magenta (33%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFAAE4 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 FFAAE4 by changing the saturation by 10% instead.



FFAAE4

FFAAE4

FFFFFF

E28FC8

FFE2FF

C574AD

A95B92

8E4178

73285F

590C47

400031

2B001C

000000

 #FFAAE4

 #FFAAE4

 #FF91DC

 #FFC3EC

 #FF77D4

 #FFDDF4

 #FF5ECC

 #FFF7FC

 #FF44C4

 #FFFFFF

 #FF2ABC

 #FF11B3

 #FF00AE

# Harmonies

## Analogous

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



D6B7FF



FFAAE4



FFA5BC

# Triad

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



FFAAE4



D5C675



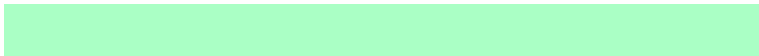
00D8F4

# Complementary

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



FFAAE4



AAFFC5

# 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.



3DDACE



FFAAE4



AAD184

# Square

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



FFAAE4



F8B87C



78D8A5



53D1FF

# Rectangle

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



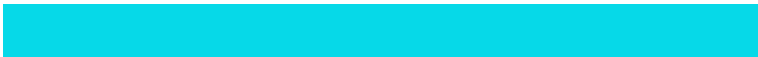
FFAAE4



FFA8A2



78D8A5



06D9E8



# Sweetspot

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



FFAAE4



FFE6F7



C5A AFF



80707B



000000



808080



# Same Dimension

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



FFAAE4



FF99DF



FFAABA



80737B



BF0083



40002C



# Inverse Universe

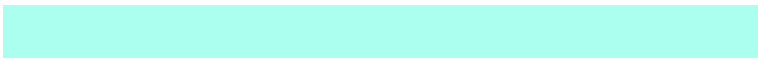
The Inverse Universe completely reimagines the original color for something new.



FFAAE4



FF99DF



AAFFEF



80737B



BF0083



40002C



# Previews

## White Background



This preview shows how the Hex color FFAAE4 looks on a white background.

## Color Contrast Check

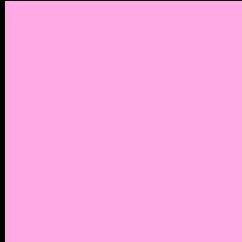
Large Text (above 18pt) WCAG AA × Fail

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 FFAAE4 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 FFAAE4 Background



This preview shows how black text looks on a background with the Hex color FFAAE4.

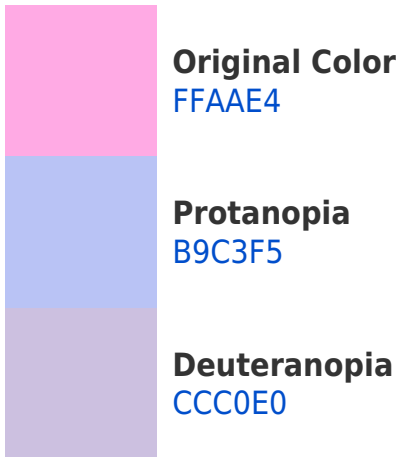


This preview shows how white text looks on a background with the Hex color FFAAE4.

# 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**  
FAB1BF

# Trichromacy



**Original Color**  
FFAAE4



**Protanomaly**  
D2BAEF



**Deuteranomaly**  
DFB8E1

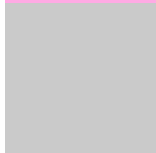


**Tritanomaly**  
FCAECC

# Monochromacy



**Original Color**  
FFAAE4



**Achromatopsia**  
CACACA



**Achromatomaly**  
DDBED3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFAAE4 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 #FFAAE4 looks like.

```
.text, #text, p{  
    color:#FFAAE4  
}
```

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 #FFAAE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAAE4
}
```

## Border

The CSS property to change the border of an element to Hex FFAAE4 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
#FFAAE4 }
```

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

```
.border{ border-color:#FFAAE4 }
```

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

Here you see how a box with a 4 pixel #FFAAE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAAE4; -webkit-box-shadow:4px 4px  
4px 4px #FFAAE4; box-shadow:4px 4px 4px  
4px #FFAAE4 }
```

# Background

The CSS property to change the background color of an element to Hex FFAAE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAAE4 }
```

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

```
.background{ background-color:#FFAAE4 }
```

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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