

# Converting Colors

Hex(FFA9EC)

Have a look what the booklet for  
Hex(FFA9EC) contains.

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# **Color**

**Hex(FFA9EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA9EC
RGB	255, 169, 236
RGB Percent	100%, 66%, 93%
CMY	0.0000, 0.3373, 0.0745
CMYK	0.00, 0.34, 0.07, 0.00
HSL	313°, 100%, 83%
HSV	313°, 34%, 100%
XYZ	70.5683, 55.6921, 86.3872
YIQ	202.3520, 29.7490, 39.0690

# Conversions

## Conversions Part 2

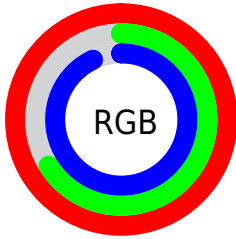
Format	Color
R <sub>Y</sub> B	255, 169, 236
Decimal	16755180
CIE Lab	79.44, 41.38, -20.60
CIE LCh	79, 46.225, 333.532
Yxy	55.6921, 0.3319, 0.2619
Android (android.graphics.Color)	4294945260 (0xFFFFA9EC)
YUV	202.3520, 16.5885, 46.1723
Hunter-Lab	74.6271, 38.1943, -16.3942

# Details

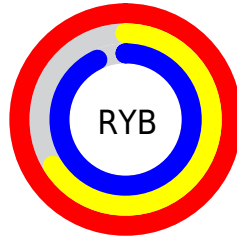
The Hex color **FFA9EC** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **A9FFBC**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFE1FF**, and **C573B4** is the 20% darker color. If you saturate the color by 10%, you get **FF90E6**, and if you desaturate by 10%, it is **FFC3F2**.

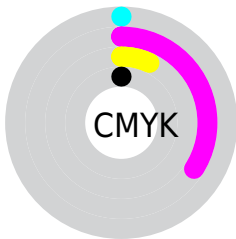
# Distribution



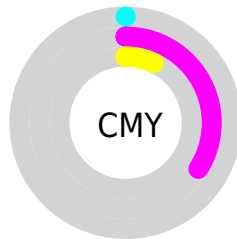
- Red (100%)
- Green (66%)
- Blue (93%)



- Red (100%)
- Yellow (66%)
- Blue (93%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA9EC 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 FFA9EC by changing the saturation by 10% instead.



 FFA9EC

FFFFFF

 FFE1FF

FFFEFF

 FFA9EC

 E28ED0

 C573B4

 A95999

 8E407F

 732766

 59094E

 400037

 2B0022

 000006

 FFA9EC

 FFA9EC

 FF90E6

 FFC3F2

 FF76E1

 FFDCF7

 FF5DDB

 FFF6FD

 FF43D5

FFFFFF

 FF2AD0

 FF10CA

 FF00C7

# Harmonies

## Analogous

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



D0B8FF



FFA9EC



FFA2C1

# Triad

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



FFA9EC



DBC46D



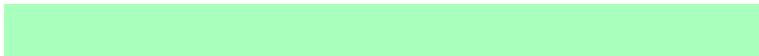
00DAF3

# Complementary

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



FFA9EC



A9FFBC

# 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.



2DDCC9



FFA9EC



AED07B

# Square

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



FFA9EC



FFB578



79D89D



28D3FF

# Rectangle

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



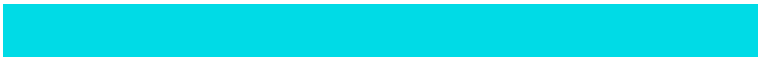
FFA9EC



FFA5A5



79D89D



00DBE6



# Sweetspot

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



FFA9EC



FFE6F9



BCA9FF



80707C



000000



808080



# Same Dimension

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



FFA9EC



FF99E8



FFA9C1



80737D



BF0095



400032



# Inverse Universe

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



FFA9EC



FF99E8



A9FFE7



80737D



BF0095



400032



# Previews

## White Background



This preview shows how the Hex color FFA9EC looks on a white background.

## Color Contrast Check

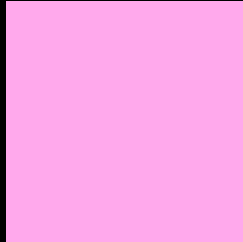
Large Text (above 18pt) WCAG AA × Fail

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 FFA9EC 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 FFA9EC Background



This preview shows how black text looks on a background with the Hex color FFA9EC.



This preview shows how white text looks on a background with the Hex color FFA9EC.

# 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**  
F9B2BF

# Trichromacy



**Original Color**  
FFA9EC



**Protanomaly**  
D1BAF7



**Deuteranomaly**  
DCB8E9

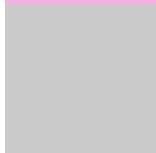


**Tritanomaly**  
FBAFCF

# Monochromacy



**Original Color**  
FFA9EC



**Achromatopsia**  
CACACA



**Achromatomaly**  
DDBED6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA9EC 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 #FFA9EC looks like.

```
.text, #text, p{  
    color:#FFA9EC  
}
```

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 #FFA9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA9EC
}
```

## Border

The CSS property to change the border of an element to Hex FFA9EC 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
#FFA9EC }
```

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

```
.border{ border-color:#FFA9EC }
```

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

Here you see how a box with a 4 pixel #FFA9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA9EC; -webkit-box-shadow:4px 4px  
4px 4px #FFA9EC; box-shadow:4px 4px 4px  
4px #FFA9EC }
```

# Background

The CSS property to change the background color of an element to Hex FFA9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA9EC }
```

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

```
.background{ background-color:#FFA9EC }
```

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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