

# Converting Colors

Hex(FFA0E4)

Have a look what the booklet for  
Hex(FFA0E4) contains.

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# **Color**

**Hex(FFA0E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA0E4
RGB	255, 160, 228
RGB Percent	100%, 63%, 89%
CMY	0.0000, 0.3725, 0.1059
CMYK	0.00, 0.37, 0.11, 0.00
HSL	317°, 100%, 81%
HSV	317°, 37%, 100%
XYZ	67.8144, 52.0030, 79.8622
YIQ	196.1570, 34.7920, 41.2880

# Conversions

## Conversions Part 2

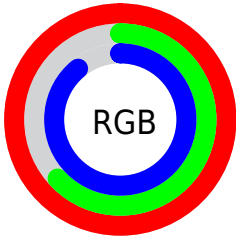
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 160, 228
Decimal	16752868
CIE <sub>Lab</sub>	77.28, 44.70, -19.53
CIE <sub>LCh</sub>	77, 48.786, 336.395
Yxy	52.0030, 0.3396, 0.2604
Android (android.graphics.Color)	4294942948 (0xFFFFA0E4)
YUV	196.1570, 15.6986, 51.6053
Hunter-Lab	72.1131, 41.6614, -15.1819

# Details

The Hex color **FFA0E4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **A0FFBB**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFD8FF**, and **C56AAC** is the 20% darker color. If you saturate the color by 10%, you get **FF86DD**, and if you desaturate by 10%, it is **FFBAEB**.

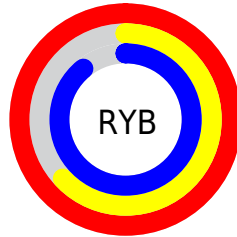
# Distribution



Red (100%)

Green (63%)

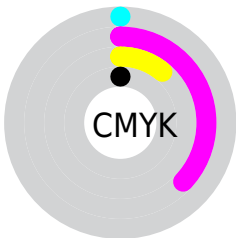
Blue (89%)



Red (100%)

Yellow (63%)

Blue (89%)

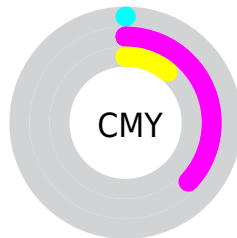


Cyan (0%)

Magenta (37%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA0E4 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 FFA0E4 by changing the saturation by 10% instead.



 FFA0E4

 FFA0E4

FFFFFF

 E285C8

 FFD8FF

 C56AAC

 FFF5FF

 A95092

 8D3678

 721B5F

 580047

 3E0031

 28001C

 000000

 FFA0E4

 FFA0E4

 FF86DD

 FFBAEB

 FF6DD6

 FFD3F2

 FF54CE

 FFEDFA

 FF3AC7

FFFFFF

 FF21C0

 FF07B9

 FF00B7

# Harmonies

## Analogous

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



D0AFFF



FFA0E4



FF9AB7

# Triad

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



FFA0E4



D2BF63



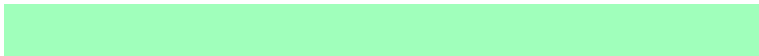
00D5F3

# Complementary

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



FFA0E4



A0FFBB

# 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.



00D6C7



FFA0E4



A1CC74

# Square

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



FFA0E4



F8B06C



66D499



00CDFE

# Rectangle

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



FFA0E4



FF9D99



66D499



00D6E6



# Sweetspot

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



FFA0E4



FFE3F7



BBA0FF



806F7B



000000



808080



# Same Dimension

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



FFA0E4



FF8CDE



FFA0B5



80737C



BF0089



40002E



# Inverse Universe

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



FFA0E4



FF8CDE



A0FFEA



80737C



BF0089

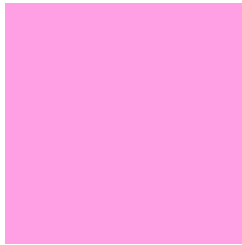


40002E



# Previews

## White Background



This preview shows how the Hex color FFA0E4 looks on a white background.

## Color Contrast Check

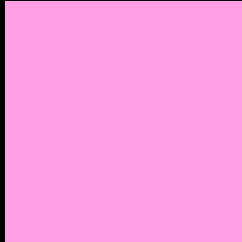
Large Text (above 18pt) WCAG AA × Fail

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 FFA0E4 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 FFA0E4 Background



This preview shows how black text looks on a background with the Hex color FFA0E4.

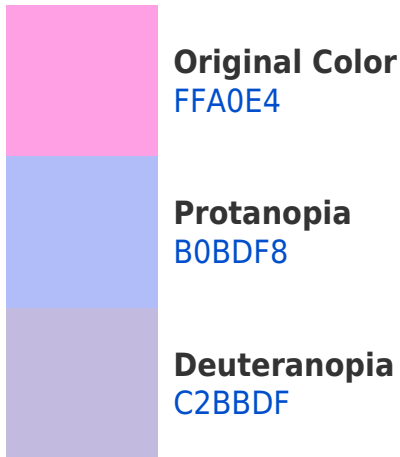


This preview shows how white text looks on a background with the Hex color FFA0E4.

# 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**  
FAA9B6

# Trichromacy



**Original Color**  
FFA0E4



**Protanomaly**  
CDB2F1



**Deuteranomaly**  
D8B1E1

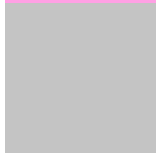


**Tritanomaly**  
FCA6C7

# Monochromacy



**Original Color**  
FFA0E4



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
D9B7D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA0E4 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 #FFA0E4 looks like.

```
.text, #text, p{  
    color:#FFA0E4  
}
```

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 #FFA0E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA0E4
}
```

## Border

The CSS property to change the border of an element to Hex FFA0E4 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
#FFA0E4 }
```

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

```
.border{ border-color:#FFA0E4 }
```

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

Here you see how a box with a 4 pixel #FFA0E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA0E4; -webkit-box-shadow:4px 4px  
4px 4px #FFA0E4; box-shadow:4px 4px 4px  
4px #FFA0E4 }
```

# Background

The CSS property to change the background color of an element to Hex FFA0E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA0E4 }
```

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

```
.background{ background-color:#FFA0E4 }
```

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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