

# Converting Colors

Hex(FFA5E0)

Have a look what the booklet for  
Hex(FFA5E0) contains.

<b>Hex(FFA5E0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(FFA5E0)

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA5E0
RGB	255, 165, 224
RGB Percent	100%, 65%, 88%
CMY	0.0000, 0.3529, 0.1216
CMYK	0.00, 0.35, 0.12, 0.00
HSL	321°, 100%, 82%
HSV	321°, 35%, 100%
XYZ	68.1497, 53.5521, 77.2657
YIQ	198.6360, 34.7010, 37.4290

# Conversions

## Conversions Part 2

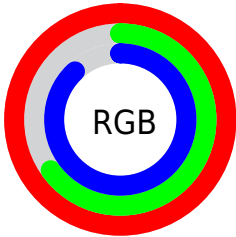
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 165, 224
Decimal	16754144
CIE <sub>Lab</sub>	78.20, 41.49, -15.98
CIE <sub>LCh</sub>	78, 44.456, 338.937
Yxy	53.5521, 0.3425, 0.2691
Android (android.graphics.Color)	4294944224 (0xFFFFA5E0)
YUV	198.6360, 12.5045, 49.4312
Hunter-Lab	73.1793, 38.1679, -11.3753

# Details

The Hex color **FFA5E0** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **A5FFC4**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFDDFF**, and **C56FA9** is the 20% darker color. If you saturate the color by 10%, you get **FF8CD7**, and if you desaturate by 10%, it is **FFBFE9**.

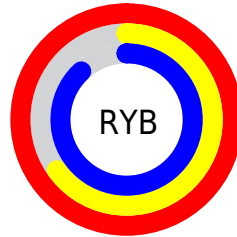
# Distribution



Red (100%)

Green (65%)

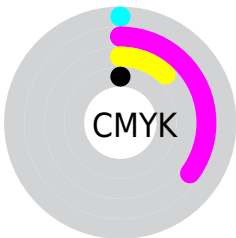
Blue (88%)



Red (100%)

Yellow (65%)

Blue (88%)

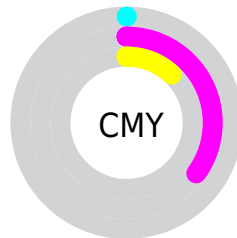


Cyan (0%)

Magenta (35%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA5E0 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 FFA5E0 by changing the saturation by 10% instead.



 FFA5E0

 FFA5E0


FFFFFF

 E28AC4

 FFDDFF

 C56FA9

 FFFAFF

 A9568E

 8D3C75

 72225C

 580344

 3F002E

 290019

 000000

 FFA5E0

 FFA5E0

 FF8CD7

 FFBFE9

 FF72CE

 FFD8F2

 FF59C6

 FFF2FA

 FF3FBD

FFFFFF

 FF26B4

 FF0CAB

 FF00A7

# Harmonies

## Analogous

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



D6B2FF



FFA5E0



FFA1B6

# Triad

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



FFA5E0



D0C36E



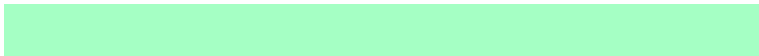
00D5F4

# Complementary

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



FFA5E0



A5FFC4

# 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.



24D7CD



FFA5E0



A3CE80

# Square

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



FFA5E0



F4B575



6FD5A2



47CEFF

# Rectangle

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



FFA5E0



FFA49C



6FD5A2



00D6E8



# Sweetspot

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



FFA5E0



FFE3F5



C3A5FF



806F7A



000000



808080



# Same Dimension

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



FFA5E0



FF94DA



FFA5B4



80737B



BF007D



40002A



# Inverse Universe

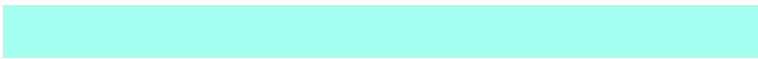
The Inverse Universe completely reimagines the original color for something new.



FFA5E0



FF94DA



A5FFF0



80737B



BF007D



40002A



# Previews

## White Background



This preview shows how the Hex color FFA5E0 looks on a white background.

## Color Contrast Check

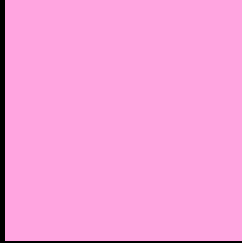
Large Text (above 18pt) WCAG AA × Fail

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 FFA5E0 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 FFA5E0 Background



This preview shows how black text looks on a background with the Hex color FFA5E0.

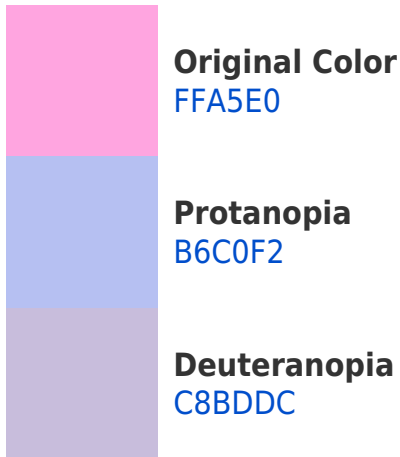


This preview shows how white text looks on a background with the Hex color FFA5E0.

# 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**  
FFA5E0



**Protanomaly**  
D1B6EB



**Deuteranomaly**  
DCB4DD

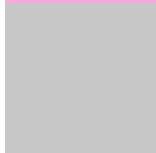


**Tritanomaly**  
FCA9C7

# Monochromacy



**Original Color**  
FFA5E0



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
DBBBD0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA5E0 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 #FFA5E0 looks like.

```
.text, #text, p{  
    color:#FFA5E0  
}
```

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 #FFA5E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA5E0
}
```

## Border

The CSS property to change the border of an element to Hex FFA5E0 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
#FFA5E0 }
```

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

```
.border{ border-color:#FFA5E0 }
```

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

Here you see how a box with a 4 pixel #FFA5E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA5E0; -webkit-box-shadow:4px 4px  
4px 4px #FFA5E0; box-shadow:4px 4px 4px  
4px #FFA5E0 }
```

# Background

The CSS property to change the background color of an element to Hex FFA5E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA5E0 }
```

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

```
.background{ background-color:#FFA5E0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor