

# Converting Colors

Hex(EEA8FF)

Have a look what the booklet for  
Hex(EEA8FF) contains.

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# Color

**Hex(EEA8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEA8FF
RGB	238, 168, 255
RGB Percent	93%, 66%, 100%
CMY	0.0667, 0.3412, 0.0000
CMYK	0.07, 0.34, 0.00, 0.00
HSL	288°, 100%, 83%
HSV	288°, 34%, 100%
XYZ	67.3125, 53.4024, 101.3677
YIQ	198.8480, 13.7930, 41.8970

# Conversions

## Conversions Part 2

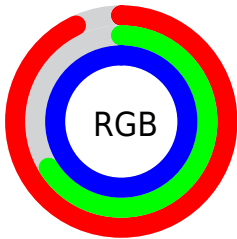
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 168, 255
Decimal	15640831
CIE <sub>Lab</sub>	78.11, 40.02, -33.03
CIE <sub>LCh</sub>	78, 51.891, 320.472
Yxy	53.4024, 0.3031, 0.2405
Android (android.graphics.Color)	4293830911 (0xFFEEA8FF)
YUV	198.8480, 27.6829, 34.3363
Hunter-Lab	73.0770, 36.5350, -31.0894

# Details

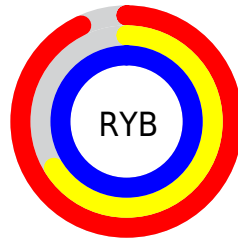
The Hex color **EEA8FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B9FFA8**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFE0FF**, and **B573C6** is the 20% darker color. If you saturate the color by 10%, you get **E98FFF**, and if you desaturate by 10%, it is **F3C2FF**.

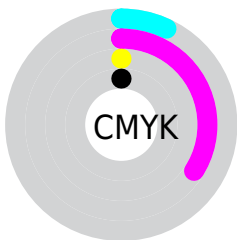
# Distribution



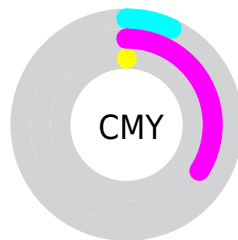
- Red (93%)
- Green (66%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color EEA8FF 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 EEA8FF by changing the saturation by 10% instead.



 EEA8FF

 EEA8FF

FFFFFF

 D18DE2

 FFE0FF

 B573C6

 FFFDFF

 9959AB

 7E4090

 642776

 4B0D5D

 320045

 1D002E

 000118

 EEA8FF

 EEA8FF

 E98FFF

 F3C2FF

 E475FF

 F8DBFF

 DF5BFF

 FDF5FF

 DA42FF

FFFFFF

 D528FF

 D00FFF

 CD00FF

# Harmonies

## Analogous

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



ADBAFF



EEA8FF



FF9BD3

# Triad

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



EEA8FF



ECB961



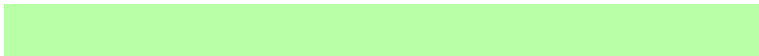
00DAE1

# Complementary

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



EEA8FF



B9FFA8

# 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.



31D9B0



EEA8FF



BEC964

# Square

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



EEA8FF



FFA879



86D382



00D5FF

# Rectangle

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



EEA8FF



FF99B2



86D382



00DAD1



# Sweetspot

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



EEA8FF



FAE6FF



A8B9FF



7D7080



000000



808080



# Same Dimension

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



EEA8FF



EB96FF



FFA8E5



7D7380



9A00BF



330040



# Inverse Universe

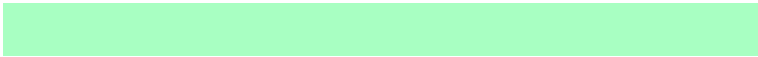
The Inverse Universe completely reimagines the original color for something new.



FFA8B9



FF96AB



A8FFC2



807375



BF0025

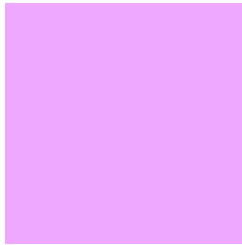


40000C



# Previews

## White Background



This preview shows how the Hex color EEA8FF looks on a white background.

## Color Contrast Check

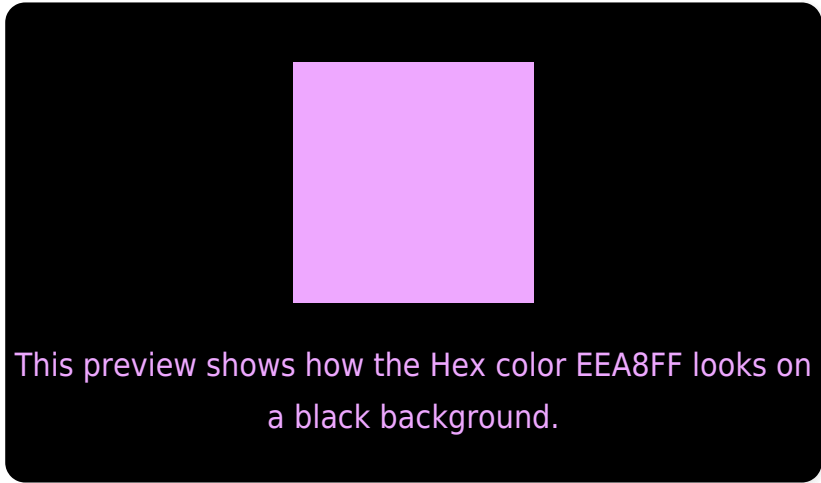
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

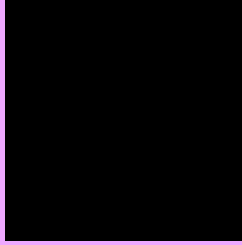
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EEA8FF Background



This preview shows how black text looks on a background with the Hex color EEA8FF.



This preview shows how white text looks on a background with the Hex color EEA8FF.

# 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**  
E5B4C2

# Trichromacy



**Original Color**  
EEA8FF



**Protanomaly**  
C6B7FF



**Deuteranomaly**  
CAB6FC

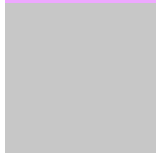


**Tritanomaly**  
E8B0D8

# Monochromacy



**Original Color**  
EEA8FF



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
D5BCDB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEA8FF 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 #EEA8FF looks like.

```
.text, #text, p{  
    color:#EEA8FF  
}
```

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 #EEA8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEA8FF
}
```

## Border

The CSS property to change the border of an element to Hex EEA8FF 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
#EEA8FF }
```

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

```
.border{ border-color:#EEA8FF }
```

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

Here you see how a box with a 4 pixel #EEA8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEA8FF; -webkit-box-shadow:4px 4px  
4px 4px #EEA8FF; box-shadow:4px 4px 4px  
4px #EEA8FF }
```

# Background

The CSS property to change the background color of an element to Hex EEA8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEA8FF }
```

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

```
.background{ background-color:#EEA8FF }
```

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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