

Converting Colors

Hex(EA99FF)

Have a look what the booklet for
Hex(EA99FF) contains.

Hex(EA99FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EA99FF)

Conversions

Conversions Part 1

Format	Color
Hex	EA99FF
RGB	234, 153, 255
RGB Percent	92%, 60%, 100%
CMY	0.0824, 0.4000, 0.0000
CMYK	0.08, 0.40, 0.00, 0.00
HSL	288°, 100%, 80%
HSV	288°, 40%, 100%
XYZ	63.3729, 47.4949, 100.4351
YIQ	188.8470, 15.5340, 48.8940

Conversions

Conversions Part 2

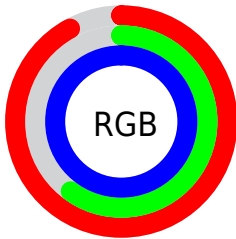
Format	Color
R_{YB}	234, 153, 255
Decimal	15374847
CIE _{Lab}	74.51, 46.70, -38.64
CIE _{LCh}	75, 60.616, 320.393
Yxy	47.4949, 0.2999, 0.2248
Android (android.graphics.Color)	4293564927 (0xFFEA99FF)
YUV	188.8470, 32.6134, 39.5992
Hunter-Lab	68.9165, 43.5376, -38.1643

Details

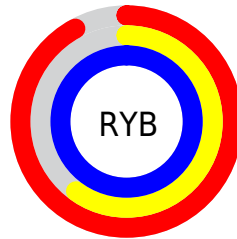
The Hex color **EA99FF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **A EFF99**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFD1FF**, and **B164C6** is the 20% darker color. If you saturate the color by 10%, you get **E580FF**, and if you desaturate by 10%, it is **EFB3FF**.

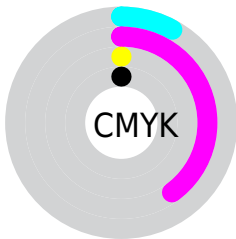
Distribution



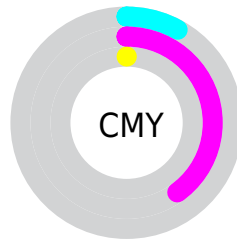
- Red (92%)
- Green (60%)
- Blue (100%)



- Red (92%)
- Yellow (60%)
- Blue (100%)



- Cyan (8%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA99FF 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 EA99FF by changing the saturation by 10% instead.

 EA99FF

FFFFFF

 FFD1FF

 FFEDFF

 EA99FF

 CD7EE2

 B164C6


 954AAA

 7A3090

 5F1476

 45005C

 2C0044

 11002D

 000117

 EA99FF

 EA99FF

 E580FF

 EFB3FF

 DF66FF

 F4CCFF

 DA4DFF

 FAE6FF

 D533FF

FFFFFF

 D019FF

 CA00FF

Harmonies

Analogous

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



9BB0FF



EA99FF



FF88CC

Triad

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



EA99FF



E6AE44



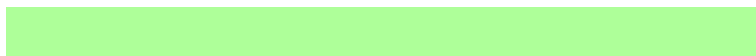
00D3DC

Complementary

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



EA99FF



AEFF99

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.



00D2A3



EA99FF



B1C048

Square

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



EA99FF



FF9963



6FCC6D



00CEFF

Rectangle

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



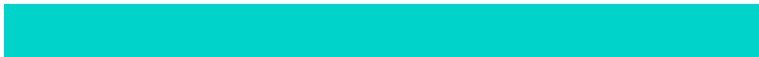
EA99FF



FF86A6



6FCC6D



00D3CA

Sweetspot

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



EA99FF



F9E0FF



99AFFF



7C6E80



000000



808080

Same Dimension

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



EA99FF



E685FF



FF99E2



7D7380



9800BF



330040

Inverse Universe

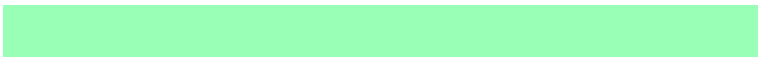
The Inverse Universe completely reimagines the original color for something new.



FF99AE



FF859E



99FFB6



807375



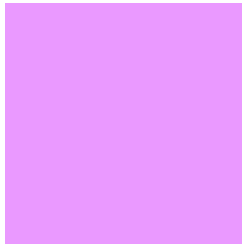
BF0027



40000D

Previews

White Background



This preview shows how the Hex color EA99FF 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

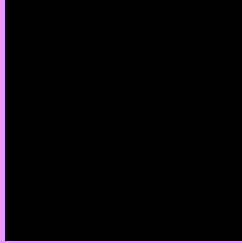
Any Text WCAG AA ✓ Pass

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 EA99FF Background



This preview shows how black text looks on a background with the Hex color EA99FF.

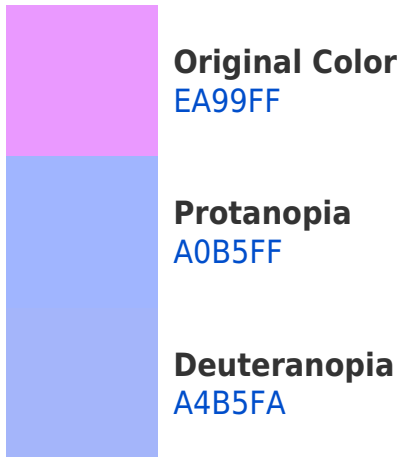


This preview shows how white text looks on a background with the Hex color EA99FF.

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](#).

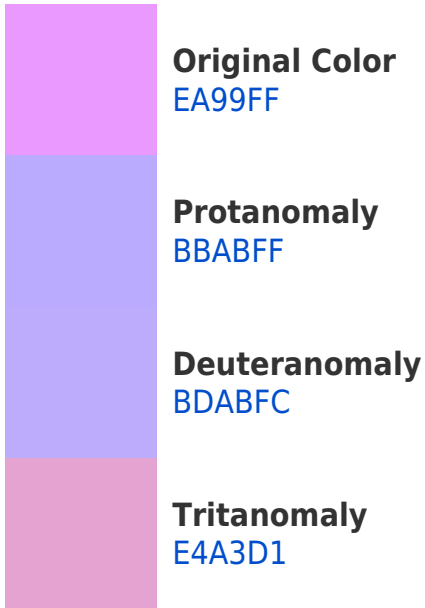
Dichromacy



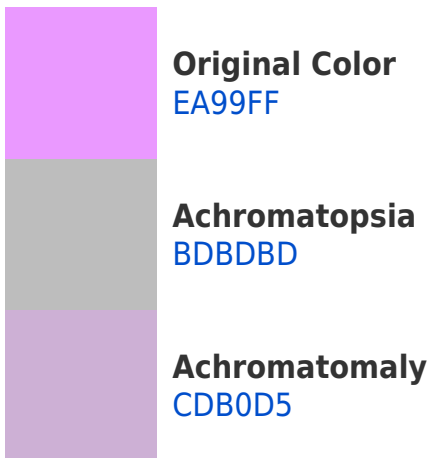


Tritanopia
E0A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EA99FF 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 #EA99FF looks like.

```
.text, #text, p{  
    color:#EA99FF  
}
```

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 #EA99FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA99FF
}
```

Border

The CSS property to change the border of an element to Hex EA99FF 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
#EA99FF }
```

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

```
.border{ border-color:#EA99FF }
```

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

Here you see how a box with a 4 pixel #EA99FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA99FF; -webkit-box-shadow:4px 4px  
4px 4px #EA99FF; box-shadow:4px 4px 4px  
4px #EA99FF }
```

Background

The CSS property to change the background color of an element to Hex EA99FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA99FF }
```

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

```
.background{ background-color:#EA99FF }
```

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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