

Converting Colors

Hex(AA99EF)

Have a look what the booklet for
Hex(AA99EF) contains.

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Color

Hex(AA99EF)

Conversions

Conversions Part 1

Format	Color
Hex	AA99EF
RGB	170, 153, 239
RGB Percent	67%, 60%, 94%
CMY	0.3333, 0.4000, 0.0627
CMYK	0.29, 0.36, 0.00, 0.06
HSL	252°, 73%, 77%
HSV	252°, 36%, 94%
XYZ	43.5488, 37.5605, 86.6160
YIQ	167.8870, -17.4740, 30.3500

Conversions

Conversions Part 2

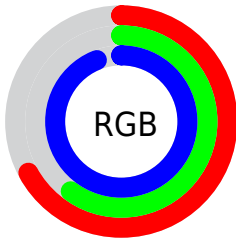
Format	Color
R _Y B	170, 153, 239
Decimal	11180527
CIE Lab	67.70, 24.71, -41.01
CIE LCh	68, 47.879, 301.066
Yxy	37.5605, 0.2596, 0.2239
Android (android.graphics.Color)	4289370607 (0xFFAA99EF)
YUV	167.8870, 35.0587, 1.8531
Hunter-Lab	61.2866, 19.5861, -40.8935

Details

The Hex color **AA99EF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DEEF99**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E3CFFF**, and **7366B7** is the 20% darker color. If you saturate the color by 10%, you get **9781EF**, and if you desaturate by 10%, it is **BDB1EF**.

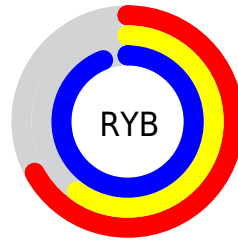
Distribution



Red (67%)

Green (60%)

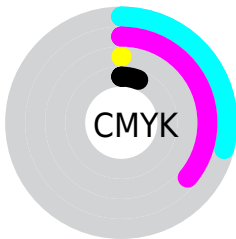
Blue (94%)



Red (67%)

Yellow (60%)

Blue (94%)

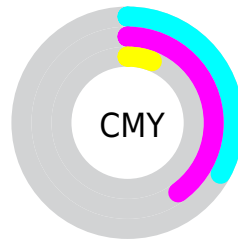


Cyan (29%)

Magenta (36%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (40%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA99EF 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 AA99EF by changing the saturation by 10% instead.

■ AA99EF

■ AA99EF

FFFFFF

■ 8E7FD2

■ E3CFFF

■ 7366B7

■ FFECFF

■ 594E9B

■ 3F3781

■ 232168

■ 000D4F

■ 000038

■ 000221

■ 000006

■ AA99EF

■ AA99EF

■ 9781EF

■ BDB1EF

■ 8469EF

■ D0C9EF

■ 7051EF

■ E4E1EF

■ 5D39EF

■ F7F9EF

■ 4A21EF

■ FFFFEF

■ 370AEF

■ 2F00EF

Harmonies

Analogous

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



5CA9FB



AA99EF



DC89CF

Triad

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



AA99EF



E0935A



00BBA5

Complementary

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



AA99EF



DEEF99

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.



59B779



AA99EF



BDA34C

Square

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



AA99EF



F4857B



91AF58



00BAD0

Rectangle

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



AA99EF



EF82B4



91AF58



15BA96

Sweetspot

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



AA99EF



E8E3FF



99DFEF



726F80



000000



808080

Same Dimension

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



AA99EF



A791FF



D499EF



6E6C78



2400B8



0B0038

Inverse Universe

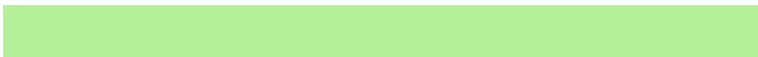
The Inverse Universe completely reimagines the original color for something new.



EF99DE



FF91E9



B4EF99



786C75



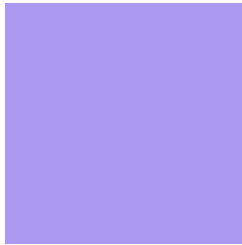
B80093



38002D

Previews

White Background



This preview shows how the Hex color AA99EF looks on a white background.

Color Contrast Check

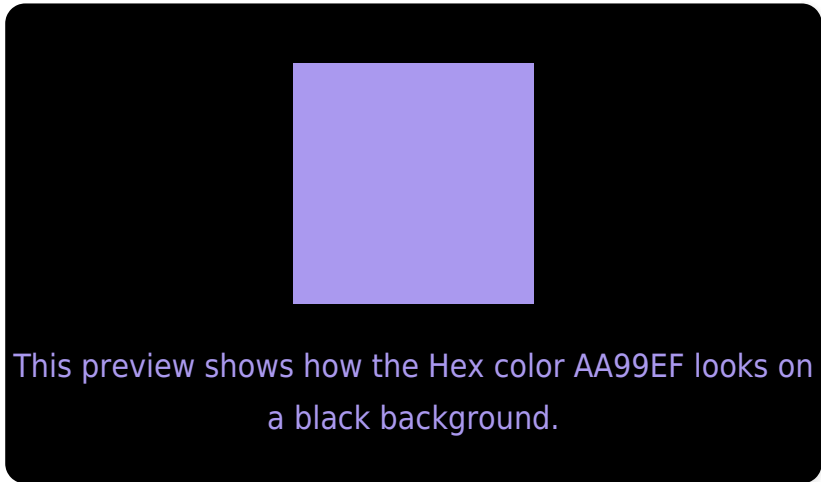
Large Text (above 18pt) WCAG AA × Fail

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

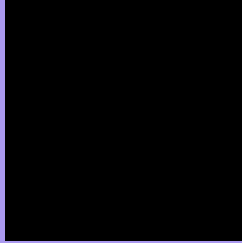
Any Text WCAG AA ✓ Pass

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 AA99EF Background



This preview shows how black text looks on a background with the Hex color AA99EF.

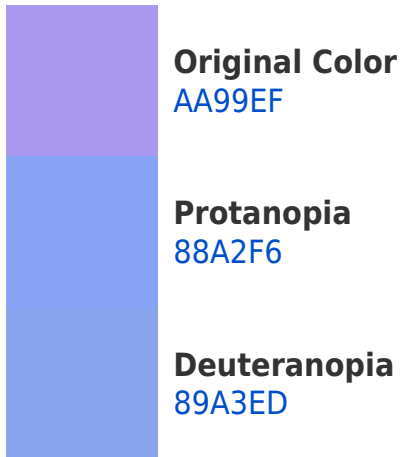


This preview shows how white text looks on a background with the Hex color AA99EF.

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](#).

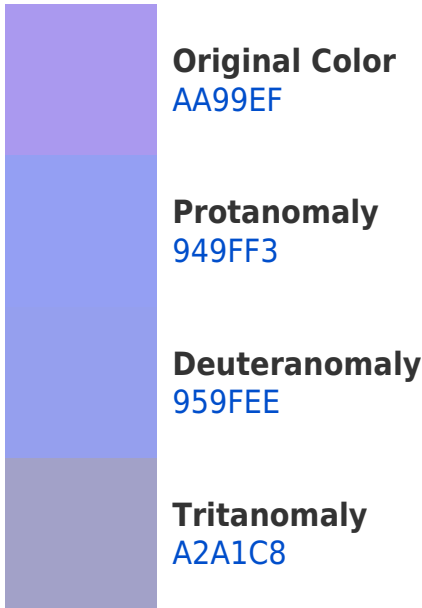
Dichromacy



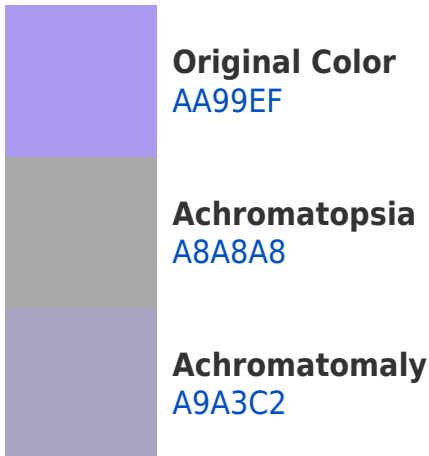


Tritanopia
9EA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA99EF 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 #AA99EF looks like.

```
.text, #text, p{  
    color:#AA99EF  
}
```

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 #AA99EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA99EF
}
```

Border

The CSS property to change the border of an element to Hex AA99EF 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
#AA99EF }
```

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

```
.border{ border-color:#AA99EF }
```

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

Here you see how a box with a 4 pixel #AA99EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA99EF; -webkit-box-shadow:4px 4px  
4px 4px #AA99EF; box-shadow:4px 4px 4px  
4px #AA99EF }
```

Background

The CSS property to change the background color of an element to Hex AA99EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA99EF }
```

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

```
.background{ background-color:#AA99EF }
```

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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