

Converting Colors

Hex(AA39FC)

Have a look what the booklet for
Hex(AA39FC) contains.

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Color

Hex(AA39FC)

Conversions

Conversions Part 1

Format	Color
Hex	AA39FC
RGB	170, 57, 252
RGB Percent	67%, 22%, 99%
CMY	0.3333, 0.7765, 0.0118
CMYK	0.33, 0.77, 0.00, 0.01
HSL	275°, 97%, 61%
HSV	275°, 77%, 99%
XYZ	35.6114, 18.5006, 93.7895
YIQ	113.0170, 4.7530, 84.6010

Conversions

Conversions Part 2

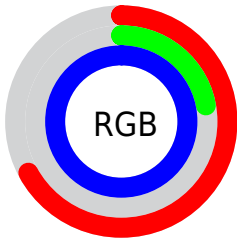
Format	Color
R_{YB}	170, 57, 252
Decimal	11155964
CIE _{Lab}	50.10, 75.55, -76.33
CIE _{LCh}	50, 107.402, 314.706
Yxy	18.5006, 0.2408, 0.1251
Android (android.graphics.Color)	4289346044 (0xFFAA39FC)
YUV	113.0170, 68.5186, 49.9741
Hunter-Lab	43.0123, 72.5148, -99.1749

Details

The Hex color **AA39FC** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **8BFC39**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **E774FF**, and **6E00C2** is the 20% darker color. If you saturate the color by 10%, you get **9F20FC**, and if you desaturate by 10%, it is **B552FC**.

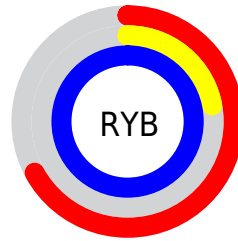
Distribution



Red (67%)

Green (22%)

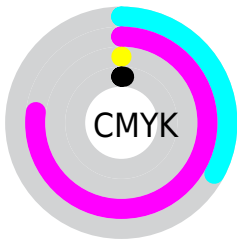
Blue (99%)



Red (67%)

Yellow (22%)

Blue (99%)

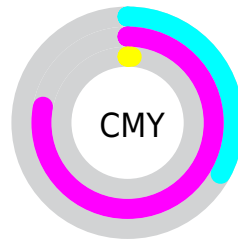


Cyan (33%)

Magenta (77%)

Yellow (0%)

Black (1%)



Cyan (33%)

Magenta (78%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA39FC 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 AA39FC by changing the saturation by 10% instead.

 AA39FC

 AA39FC

FFFFFF

 8C12DF

 E774FF

 6E00C2

 FF91FF

 4F00A6

 FFADFF

 2C008B

 FFCAFF

 000070

 FFE8FF

 000057

 00063E

 000327

 000111

■ AA39FC

■ AA39FC

■ 9F20FC

■ B552FC

■ 9507FC

■ BF6BFC

■ 9200FC

■ CA85FC

■ D49EFC

■ DFB7FC

■ EAD0FC

■ F4E9FC

FFFFFC

Harmonies

Analogous

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



0076FF



AA39FC



FB00AA

Triad

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



AA39FC



B76100



0099A4

Complementary

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



AA39FC



8BFC39

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.



009642



AA39FC



678100

Square

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



AA39FC



F00000



009000



0099F9

Rectangle

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



AA39FC



FF006E



009000



009884

Sweetspot

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



AA39FC



E6C4FF



398EFC



705C80



000000



808080

Same Dimension

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



AA39FC



9B12FF



FC39EF



78707D



6D00BD



23003D

Inverse Universe

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



FC398B



FF1276



39FC46



7D7076



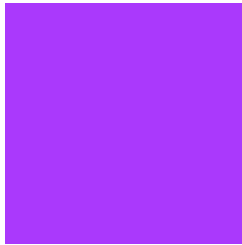
BD004F



3D001A

Previews

White Background



This preview shows how the Hex color AA39FC looks on a white background.

Color Contrast Check

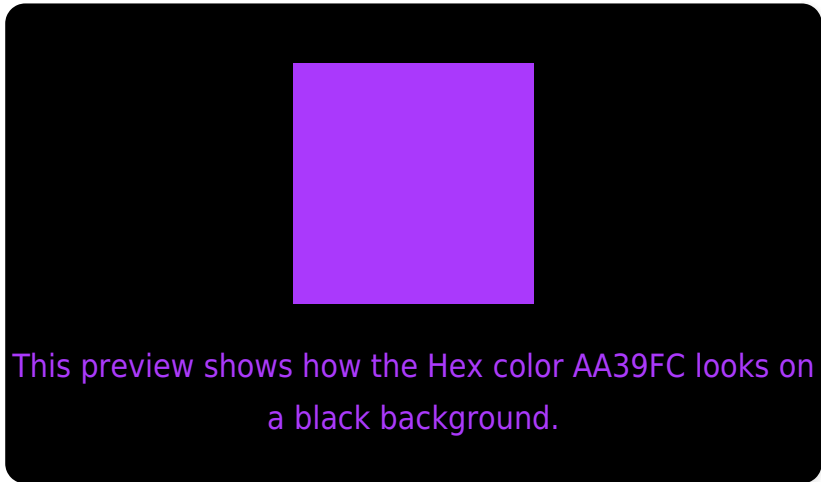
Large Text (above 18pt) WCAG AA ✓ Pass

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

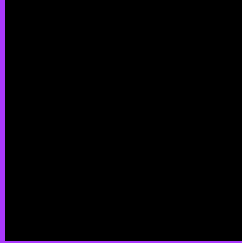
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AA39FC Background



This preview shows how black text looks on a background with the Hex color AA39FC.

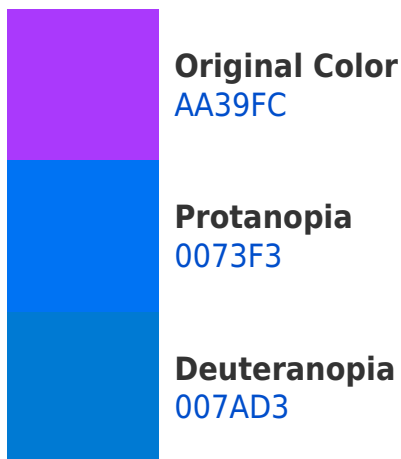



This preview shows how white text looks on a background with the Hex color AA39FC.

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](#).

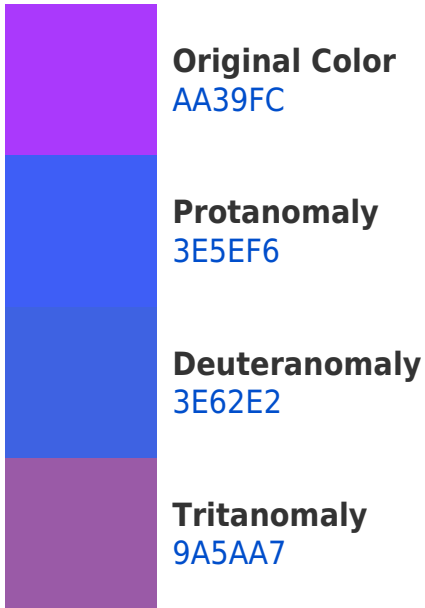
Dichromacy





Tritanopia
916D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA39FC 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 #AA39FC looks like.

```
.text, #text, p{  
    color:#AA39FC  
}
```

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 #AA39FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA39FC
}
```

Border

The CSS property to change the border of an element to Hex AA39FC 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".

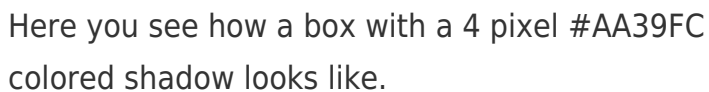
```
.border, #border, table{ border:4px solid
#AA39FC }
```

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

```
.border{ border-color:#AA39FC }
```

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

Here you see how a box with a 4 pixel #AA39FC colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA39FC; -webkit-box-shadow:4px 4px  
4px 4px #AA39FC; box-shadow:4px 4px 4px  
4px #AA39FC }
```

Background

The CSS property to change the background color of an element to Hex AA39FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA39FC }
```

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

```
.background{ background-color:#AA39FC }
```

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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