

Converting Colors

Hex(AA59FF)

Have a look what the booklet for
Hex(AA59FF) contains.

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Color

Hex(AA59FF)

Conversions

Conversions Part 1

Format	Color
Hex	AA59FF
RGB	170, 89, 255
RGB Percent	67%, 35%, 100%
CMY	0.3333, 0.6510, 0.0000
CMYK	0.33, 0.65, 0.00, 0.00
HSL	269°, 100%, 67%
HSV	269°, 65%, 100%
XYZ	38.1999, 22.9108, 97.0166
YIQ	132.1430, -5.0100, 68.7980

Conversions

Conversions Part 2

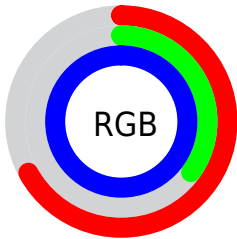
Format	Color
R _Y B	170, 89, 255
Decimal	11164159
CIE Lab	54.98, 63.04, -70.07
CIE LCh	55, 94.255, 311.974
Yxy	22.9108, 0.2416, 0.1449
Android (android.graphics.Color)	4289354239 (0xFFAA59FF)
YUV	132.1430, 60.5685, 33.2006
Hunter-Lab	47.8652, 58.6918, -86.6675

Details

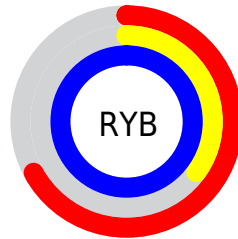
The Hex color **AA59FF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **AEEF59**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E68FFF**, and **6F21C5** is the 20% darker color. If you saturate the color by 10%, you get **9D40FF**, and if you desaturate by 10%, it is **B773FF**.

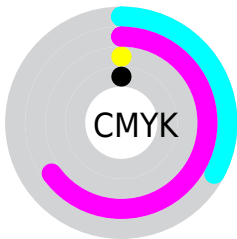
Distribution



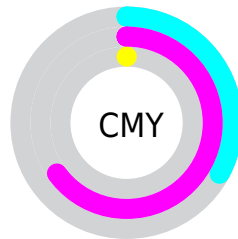
- Red (67%)
- Green (35%)
- Blue (100%)



- Red (67%)
- Yellow (35%)
- Blue (100%)



- Cyan (33%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA59FF 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 AA59FF by changing the saturation by 10% instead.

 AA59FF

 AA59FF

FFFFFF

 8D3EE2

 E68FFF

 6F21C5

 FFABFF

 5100A9

 FFC8FF

 30008E

 FFE4FF

 000073

 00005A

 000741

 00032A

 000114

■ AA59FF

■ AA59FF

■ 9D40FF

■ B773FF

■ 9026FF

■ C48CFF

■ 830DFF

■ D1A6FF

■ 7C00FF

■ DEBFFF

■ EBD9FF

■ F8F2FF

FFFFFF

Harmonies

Analogous

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



0084FF



AA59FF



F800B8

Triad

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



AA59FF



C76D00



00A5A4

Complementary

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



AA59FF



AEFF59

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.



00A24D



AA59FF



838B00

Square

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



AA59FF



F93812



009A00



00A4F1

Rectangle

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



AA59FF



FF0082



009A00



00A487

Sweetspot

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



AA59FF



E5CCFF



59AFFF



706180



000000



808080

Same Dimension

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



AA59FF



9938FF



FC59FF



797380



5D00BF



1F0040

Inverse Universe

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



FF59AE



FF389E



5CFF59



807379



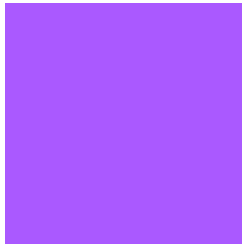
BF0062



400021

Previews

White Background



This preview shows how the Hex color AA59FF looks on a white background.

Color Contrast Check

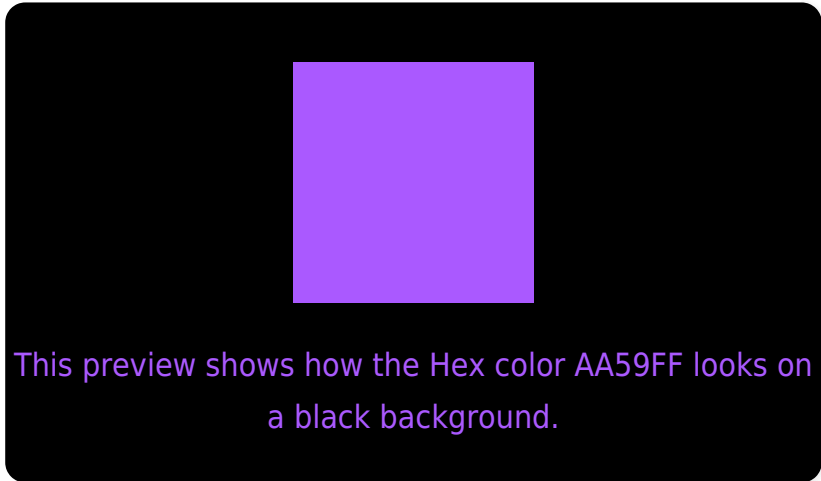
Large Text (above 18pt) WCAG AA ✓ Pass

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

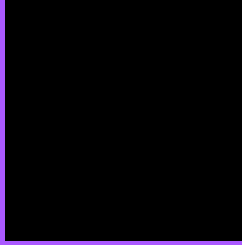
Any Text WCAG AA ✓ Pass

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 AA59FF Background



This preview shows how black text looks on a background with the Hex color AA59FF.

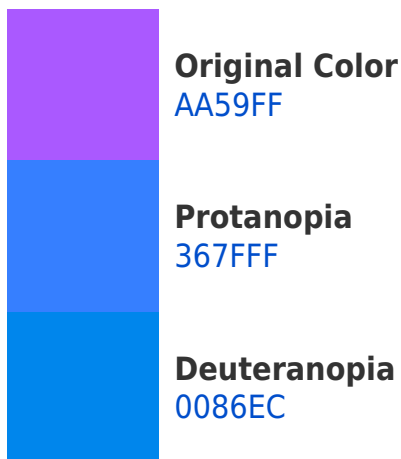



This preview shows how white text looks on a background with the Hex color AA59FF.

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](#).

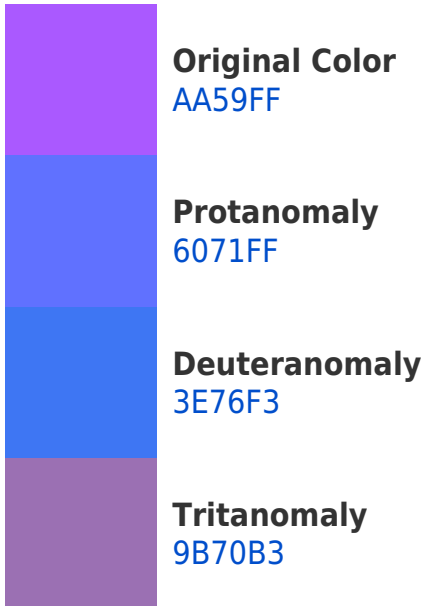
Dichromacy



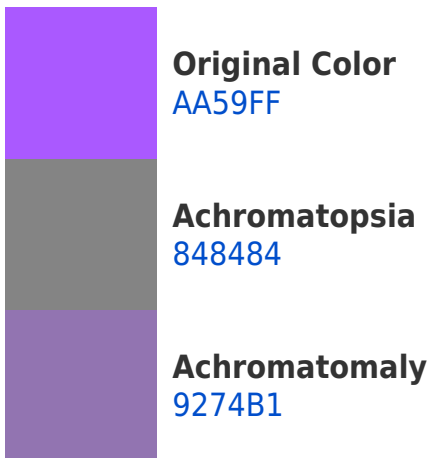


Tritanopia
937D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA59FF 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 #AA59FF looks like.

```
.text, #text, p{  
    color:#AA59FF  
}
```

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 #AA59FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA59FF  
}
```

Border

The CSS property to change the border of an element to Hex AA59FF 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".

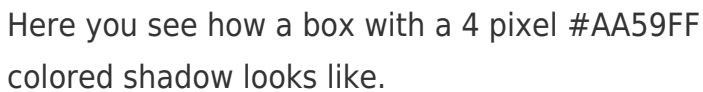
```
.border, #border, table{ border:4px solid  
#AA59FF }
```

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

```
.border{ border-color:#AA59FF }
```

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

Here you see how a box with a 4 pixel #AA59FF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA59FF; -webkit-box-shadow:4px 4px  
4px 4px #AA59FF; box-shadow:4px 4px 4px  
4px #AA59FF }
```

Background

The CSS property to change the background color of an element to Hex AA59FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA59FF }
```

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

```
.background{ background-color:#AA59FF }
```

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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