

Converting Colors

Hex(AA59DE)

Have a look what the booklet for
Hex(AA59DE) contains.

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Color

Hex(AA59DE)

Conversions

Conversions Part 1

Format	Color
Hex	AA59DE
RGB	170, 89, 222
RGB Percent	67%, 35%, 87%
CMY	0.3333, 0.6510, 0.1294
CMYK	0.23, 0.60, 0.00, 0.13
HSL	277°, 67%, 61%
HSV	277°, 60%, 87%
XYZ	33.3348, 20.9647, 71.3969
YIQ	128.3810, 5.5830, 58.5350

Conversions

Conversions Part 2

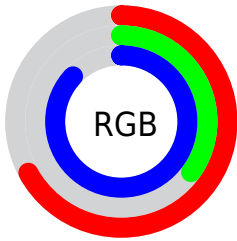
Format	Color
RYB	170, 89, 222
Decimal	11164126
CIELab	52.91, 55.58, -54.94
CIELCh	53, 78.150, 315.328
Yxy	20.9647, 0.2652, 0.1668
Android (android.graphics.Color)	4289354206 (0xFFAA59DE)
YUV	128.3810, 46.1542, 36.4999
Hunter-Lab	45.7873, 49.8267, -60.4009

Details

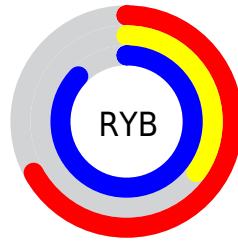
The Hex color **AA59DE** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **8DDE59**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E48FFF**, and **7223A6** is the 20% darker color. If you saturate the color by 10%, you get **A143DE**, and if you desaturate by 10%, it is **B36FDE**.

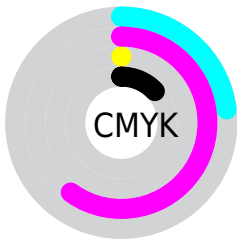
Distribution



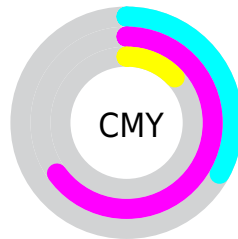
- Red (67%)
- Green (35%)
- Blue (87%)



- Red (67%)
- Yellow (35%)
- Blue (87%)



- Cyan (23%)
- Magenta (60%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (65%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA59DE 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 AA59DE by changing the saturation by 10% instead.

■ AA59DE

■ AA59DE

FFFFFF

■ 8E3EC2

■ E48FFF

■ 7223A6

■ FFAAFF

■ 56008B

■ FFC6FF

■ 3A0071

■ FFE3FF

■ 1E0058

■ 00003F

■ 000328

■ 000112

■ 000000

AA59DE

AA59DE

A143DE

B36FDE

992DDE

BB85DE

9016DE

C49CDE

8700DE

CDB2DE

D5C8DE

DEDEDE

E7F4DE

EFFFDE

F8FFDE

Harmonies

Analogous

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



007BFF



AA59DE



E32EA2

Triad

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



AA59DE



B46F00



009BA0

Complementary

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



AA59DE



8DDE59

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.



00995A



AA59DE



798600

Square

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



AA59DE



DF4D1D



149302



0099DD

Rectangle

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



AA59DE



F11E75



149302



009B89

Sweetspot

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



AA59DE



EDD1FF



598EDE



756380



000000



808080

Same Dimension

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



AA59DE



B747FF



DE59D1



6C6570



6B00B0



1E0030

Inverse Universe

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



DE598D



FF478F



59DE66



706569



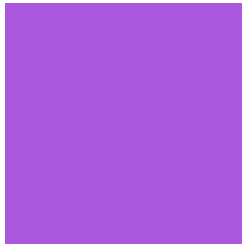
B00045



300013

Previews

White Background



This preview shows how the Hex color AA59DE looks on a white background.

Color Contrast Check

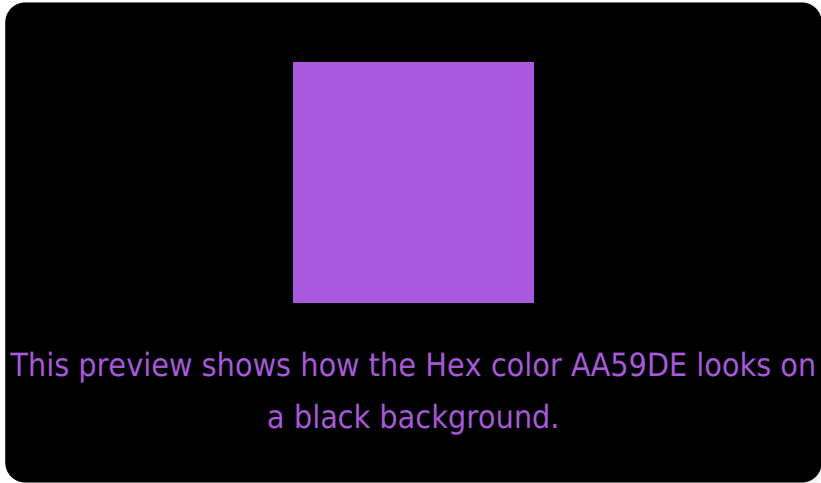
Large Text (above 18pt) WCAG AA ✓ Pass

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

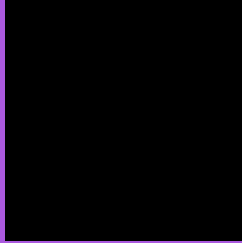
Any Text WCAG AA ✓ Pass

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 AA59DE Background



This preview shows how black text looks on a background with the Hex color AA59DE.

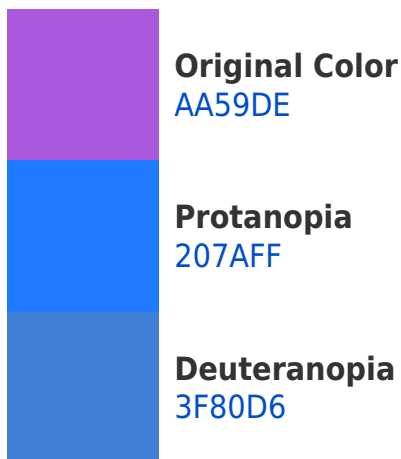


This preview shows how white text looks on a background with the Hex color AA59DE.

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](#).

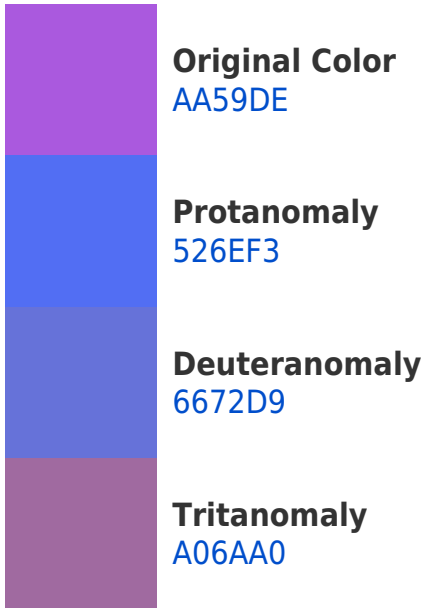
Dichromacy



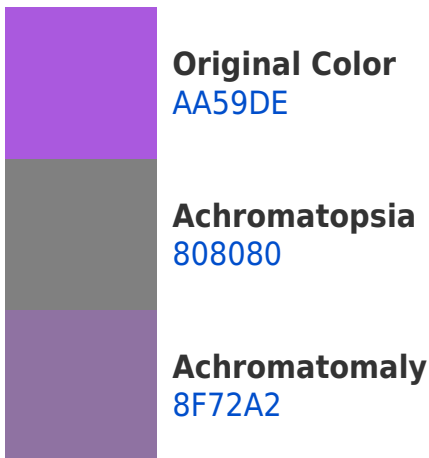


Tritanopia
9A747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA59DE 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 #AA59DE looks like.

```
.text, #text, p{  
    color:#AA59DE  
}
```

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 #AA59DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA59DE
}
```

Border

The CSS property to change the border of an element to Hex AA59DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

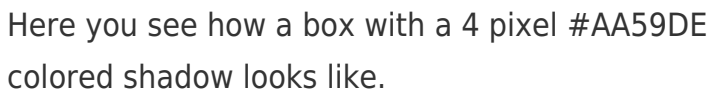
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA59DE }
```

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

```
.border{ border-color:#AA59DE }
```

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



Here you see how a box with a 4 pixel #AA59DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA59DE; -webkit-box-shadow:4px 4px  
4px 4px #AA59DE; box-shadow:4px 4px 4px  
4px #AA59DE }
```

Background

The CSS property to change the background color of an element to Hex AA59DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA59DE }
```

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

```
.background{ background-color:#AA59DE }
```

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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