

Converting Colors

Hex(AA3CE9)

Have a look what the booklet for
Hex(AA3CE9) contains.

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Color

Hex(AA3CE9)

Conversions

Conversions Part 1

Format	Color
Hex	AA3CE9
RGB	170, 60, 233
RGB Percent	67%, 24%, 91%
CMY	0.3333, 0.7647, 0.0863
CMYK	0.27, 0.74, 0.00, 0.09
HSL	278°, 80%, 57%
HSV	278°, 74%, 91%
XYZ	32.9014, 17.6610, 78.7656
YIQ	112.6120, 10.0270, 77.1230

Conversions

Conversions Part 2

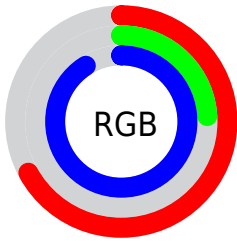
Format	Color
RYB	170, 60, 233
Decimal	11156713
CIELab	49.08, 70.54, -67.33
CIELCh	49, 97.516, 316.337
Yxy	17.6610, 0.2544, 0.1366
Android (android.graphics.Color)	4289346793 (0xFFAA3CE9)
YUV	112.6120, 59.3513, 50.3293
Hunter-Lab	42.0249, 66.2043, -81.7073

Details

The Hex color **AA3CE9** is a light color, and the websafe version is hex **9900CC**. The color can be described as light washed purple. A complement of this color would be **7BE93C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **E676FF**, and **7000B0** is the 20% darker color. If you saturate the color by 10%, you get **A225E9**, and if you desaturate by 10%, it is **B253E9**.

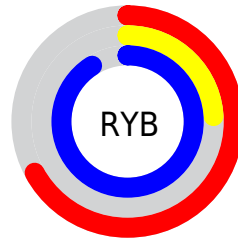
Distribution



Red (67%)

Green (24%)

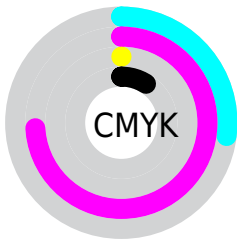
Blue (91%)



Red (67%)

Yellow (24%)

Blue (91%)

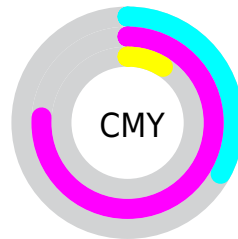


Cyan (27%)

Magenta (74%)

Yellow (0%)

Black (9%)



Cyan (33%)

Magenta (76%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3CE9 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 AA3CE9 by changing the saturation by 10% instead.

 AA3CE9

 AA3CE9

FFFFFF

 8D19CC

 E676FF

 7000B0

 FF92FF

 520095

 FFAEFF

 33007A

 FFCBFF

 120060

 FFE8FF

 000047

 000430

 00011A

 000000

■ AA3CE9

■ AA3CE9

■ A225E9

■ B253E9

■ 990DE9

■ BB6BE9

■ 9400E9

■ C382E9

■ CC99E9

■ D4B1E9

■ DDC8E9

■ E5DFE9

■ EEF6E9

■ F6FFE9

Harmonies

Analogous

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



0071FF



AA3CE9



EF009E

Triad

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



AA3CE9



AD6300



0095A1

Complementary

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



AA3CE9



7BE93C

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.



00924A



AA3CE9



647F00

Square

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



AA3CE9



E22800



008C00



0094ED

Rectangle

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



AA3CE9



FD0067



008C00



009485

Sweetspot

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



AA3CE9



EBC7FF



3C7BE9



735E80



000000



808080

Same Dimension

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



AA3CE9



AC1CFF



E93CD2



716A75



7300B5



220036

Inverse Universe

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



E93C7B



FF1C6F



3CE953



756A6E



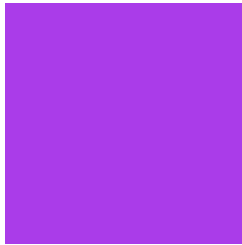
B50042



360014

Previews

White Background



This preview shows how the Hex color AA3CE9 looks on a white background.

Color Contrast Check

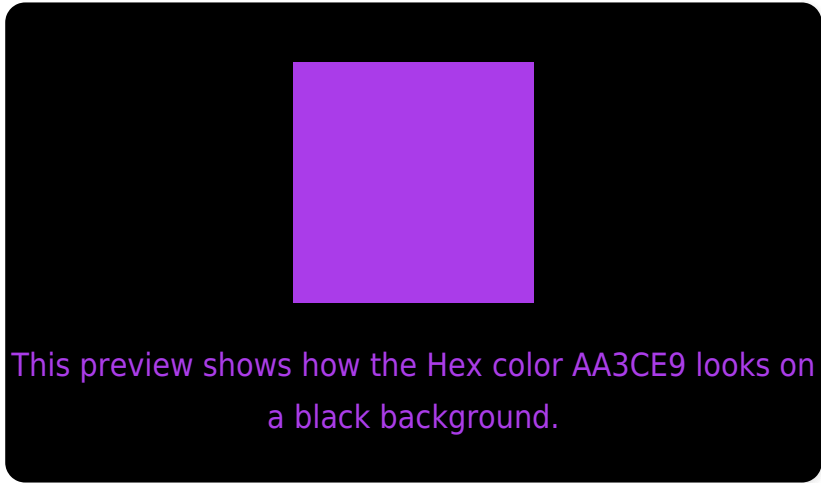
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

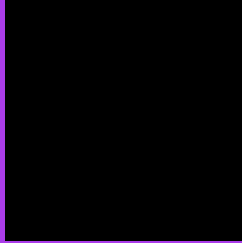
Any Text WCAG AA ✓ Pass

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 AA3CE9 Background



This preview shows how black text looks on a background with the Hex color AA3CE9.



This preview shows how white text looks on a background with the Hex color AA3CE9.

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](#).

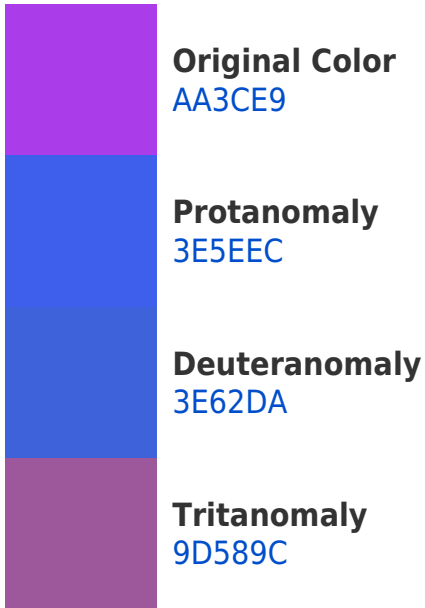
Dichromacy



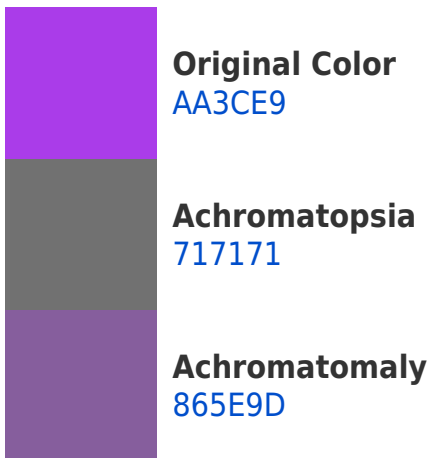


Tritanopia
966870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA3CE9 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 #AA3CE9 looks like.

```
.text, #text, p{  
    color:#AA3CE9  
}
```

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 #AA3CE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3CE9
}
```

Border

The CSS property to change the border of an element to Hex AA3CE9 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
#AA3CE9 }
```

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

```
.border{ border-color:#AA3CE9 }
```

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

Here you see how a box with a 4 pixel #AA3CE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3CE9; -webkit-box-shadow:4px 4px  
4px 4px #AA3CE9; box-shadow:4px 4px 4px  
4px #AA3CE9 }
```

Background

The CSS property to change the background color of an element to Hex AA3CE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3CE9 }
```

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

```
.background{ background-color:#AA3CE9 }
```

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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