

# Converting Colors

Hex(AAA2CE)

Have a look what the booklet for  
Hex(AAA2CE) contains.

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# Color

Hex(AAA2CE)

# Conversions

## Conversions Part 1

Format	Color
Hex	AAA2CE
RGB	170, 162, 206
RGB Percent	67%, 64%, 81%
CMY	0.3333, 0.3647, 0.1922
CMYK	0.17, 0.21, 0.00, 0.19
HSL	251°, 31%, 72%
HSV	251°, 21%, 81%
XYZ	40.6385, 38.8429, 63.7481
YIQ	169.4080, -9.3560, 15.3800

# Conversions

## Conversions Part 2

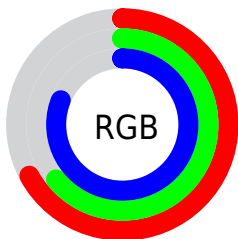
Format	Color
<a href="#">RYB</a>	<a href="#">170, 162, 206</a>
Decimal	<a href="#">11182798</a>
CIELab	<a href="#">68.64, 11.86, -21.39</a>
CIElCh	<a href="#">69, 24.456, 299.012</a>
Yxy	<a href="#">38.8429, 0.2837, 0.2712</a>
Android (android.graphics.Color)	<a href="#">4289372878</a> ( <a href="#">0xFFAAA2CE</a> )
YUV	<a href="#">169.4080, 18.0399, 0.5192</a>
Hunter-Lab	<a href="#">62.3241, 7.3239, -17.0178</a>

# Details

The Hex color **AAA2CE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C6CEA2**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E2D9FF**, and **756E98** is the 20% darker color. If you saturate the color by 10%, you get **998DCE**, and if you desaturate by 10%, it is **BBB7CE**.

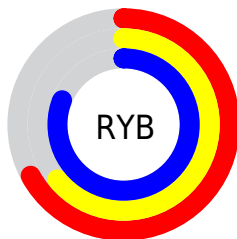
# Distribution



Red (67%)

Green (64%)

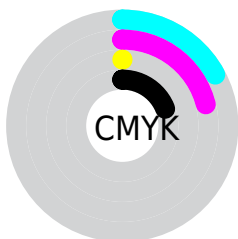
Blue (81%)



Red (67%)

Yellow (64%)

Blue (81%)

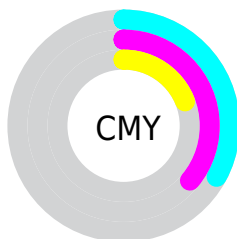


Cyan (17%)

Magenta (21%)

Yellow (0%)

Black (19%)



Cyan (33%)

Magenta (36%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAA2CE 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 AAA2CE by changing the saturation by 10% instead.



■ AAA2CE

■ AAA2CE

FFFFFF

■ 8F88B2

■ E2D9FF

■ 756E98

■ FEF5FF

■ 5C567E

■ 443F65

■ 2D294C

■ 161535

■ 000020

■ 000004

■ 000000

■ AAA2CE

■ AAA2CE

■ 998DCE

■ BBB7CE

■ 8879CE

■ CCCBCE

■ 7764CE

■ DDE0CE

■ 6750CE

■ EDF4CE

■ 563BCE

■ FEFFCE

■ 4526CE

■ FFFFCE

■ 3412CE

■ 2500CE

# Harmonies

## Analogous

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



8BAAD3



AAA2CE



C39BBF

# Triad

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



AAA2CE



CB9E82



71B4A6

# Complementary

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



AAA2CE



C6CEA2

# 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.



87B290



AAA2CE



B8A67B

# Square

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



AAA2CE



D49993



A1AD80



67B3BC

# Rectangle

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



AAA2CE



CE98B1



A1AD80



78B39E



# Sweetspot

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



AAA2CE



F2F0FF



A2C7CE



787780



000000



808080



# Same Dimension

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



AAA2CE



C9BDFF



BFA2CE



5E5C66



1E00A6



070026



# Inverse Universe

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



CEA2C6



FFBDF3



B1CEA2



665C64



A60088

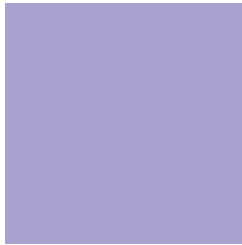


26001F



# Previews

## White Background



This preview shows how the Hex color AAA2CE looks on a white background.

## Color Contrast Check

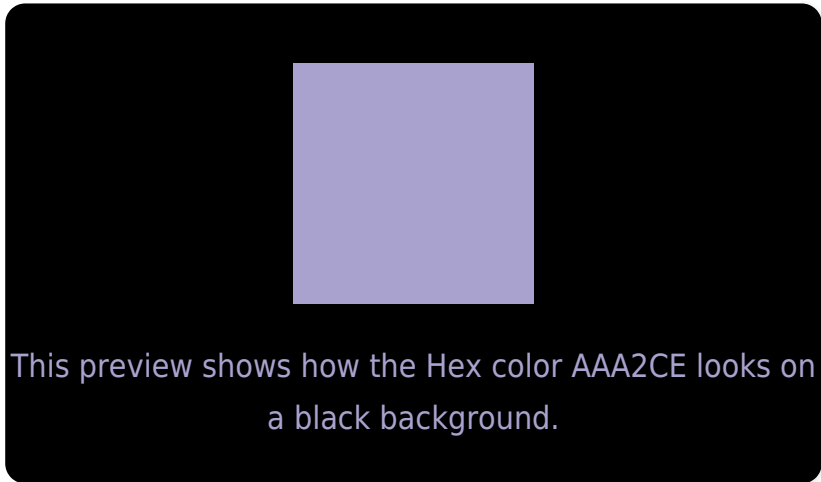
Large Text (above 18pt) WCAG AA × Fail

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

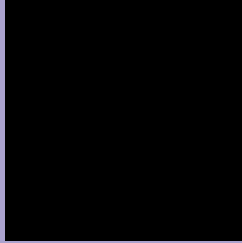
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAA2CE Background



This preview shows how black text looks on a background with the Hex color AAA2CE.

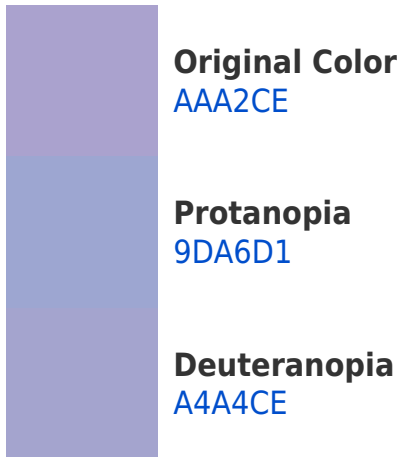


This preview shows how white text looks on a background with the Hex color AAA2CE.

# 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](#).

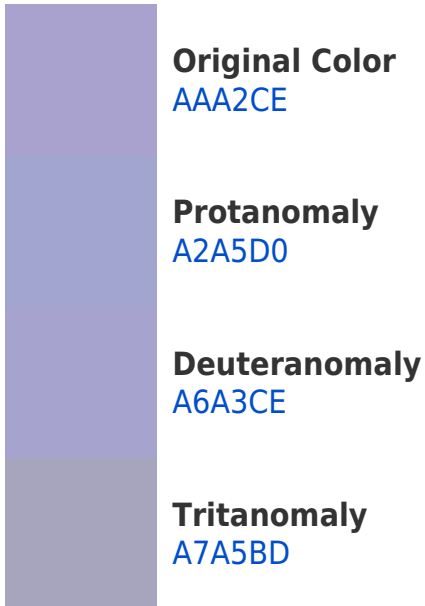
## Dichromacy



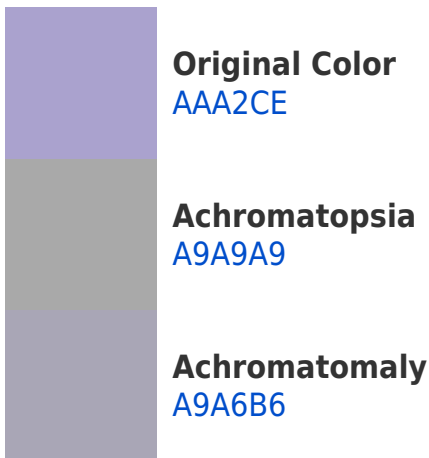


**Tritanopia**  
A5A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAA2CE 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 #AAA2CE looks like.

```
.text, #text, p{  
    color:#AAA2CE  
}
```

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 #AAA2CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA2CE }  
}
```

## Border

The CSS property to change the border of an element to Hex AAA2CE 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 #AAA2CE }  
}
```

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

```
.border{ border-color:#AAA2CE }
```

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

Here you see how a box with a 4 pixel #AAA2CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA2CE; -webkit-box-shadow:4px 4px  
4px 4px #AAA2CE; box-shadow:4px 4px 4px  
4px #AAA2CE }
```

# Background

The CSS property to change the background color of an element to Hex AAA2CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA2CE }
```

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

```
.background{ background-color:#AAA2CE }
```

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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