

Converting Colors

Hex(AA4AC7)

Have a look what the booklet for
Hex(AA4AC7) contains.

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Color

Hex(AA4AC7)

Conversions

Conversions Part 1

Format	Color
Hex	AA4AC7
RGB	170, 74, 199
RGB Percent	67%, 29%, 78%
CMY	0.3333, 0.7098, 0.2196
CMYK	0.15, 0.63, 0.00, 0.22
HSL	286°, 53%, 54%
HSV	286°, 63%, 78%
XYZ	29.3351, 17.5671, 55.8775
YIQ	116.9540, 17.0910, 59.2270

Conversions

Conversions Part 2

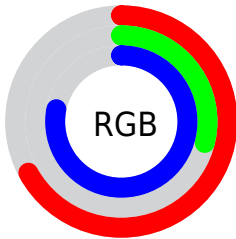
Format	Color
R_{YB}	170, 74, 199
Decimal	11160263
CIE _{Lab}	48.97, 57.87, -48.11
CIE _{LCh}	49, 75.257, 320.260
Yxy	17.5671, 0.2854, 0.1709
Android (android.graphics.Color)	4289350343 (0xFFAA4AC7)
YUV	116.9540, 40.4487, 46.5213
Hunter-Lab	41.9132, 51.5847, -49.7046

Details

The Hex color **AA4AC7** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **67C74A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E480FF**, and **720A90** is the 20% darker color. If you saturate the color by 10%, you get **A536C7**, and if you desaturate by 10%, it is **AF5EC7**.

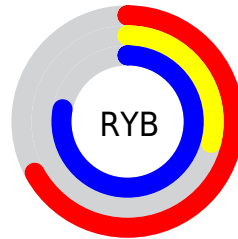
Distribution



Red (67%)

Green (29%)

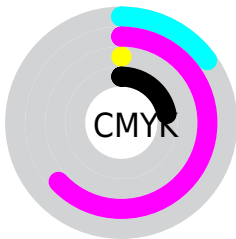
Blue (78%)



Red (67%)

Yellow (29%)

Blue (78%)

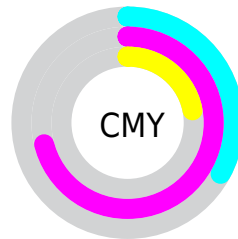


Cyan (15%)

Magenta (63%)

Yellow (0%)

Black (22%)



Cyan (33%)

Magenta (71%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA4AC7 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 AA4AC7 by changing the saturation by 10% instead.

■ AA4AC7

■ AA4AC7

FFFFFF

■ 8E2EAB

■ E480FF

■ 720A90

■ FF9CFF

■ 570076

■ FFB8FF

■ 3C005D

■ FFD4FF

■ 240045

■ FFF2FF

■ 00002D

■ 000117

■ 000000

■ AA4AC7

■ AA4AC7

 A536C7

 AF5EC7

 A122C7

 B372C7

 9C0EC7

 B886C7

 9900C7

 BC9AC7

 C1AEC7

 C6C1C7

 CAD5C7

 CFE9C7

 D4FDC7

Harmonies

Analogous

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



2A6DEE



AA4AC7



D91E8C

Triad

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



AA4AC7



9F6A00



008F9F

Complementary

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



AA4AC7



67C74A

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.



008E5D



AA4AC7



647E00

Square

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



AA4AC7



CA4B06



008913



008DD6

Rectangle

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



AA4AC7



E21662



008913



008F89

Sweetspot

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



AA4AC7



F4CFFF



4A67C7



796280



000000



808080

Same Dimension

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



AA4AC7



D340FF



C74AA6



615A63



7D00A3



1B0024

Inverse Universe

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



C74A67



FF406C



4AC76B



635A5C



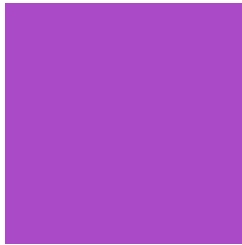
A30026



240008

Previews

White Background



This preview shows how the Hex color AA4AC7 looks on a white background.

Color Contrast Check

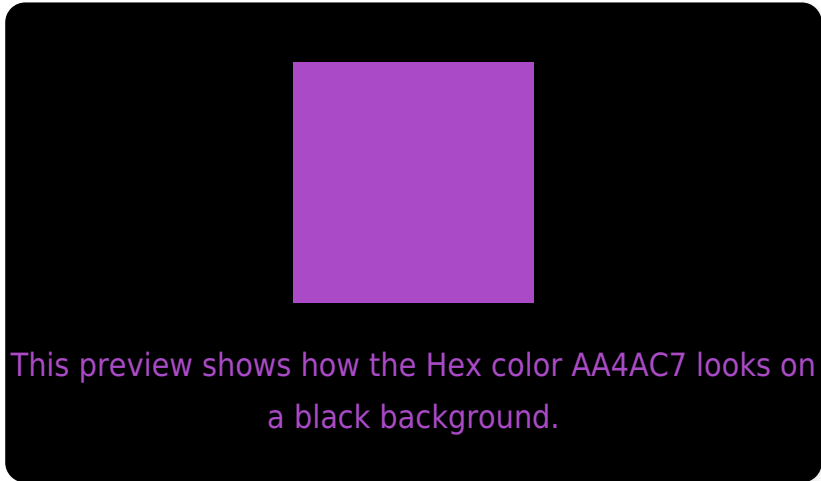
Large Text (above 18pt) WCAG AA ✓ Pass

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

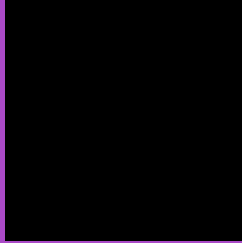
Any Text WCAG AA ✓ Pass

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 AA4AC7 Background



This preview shows how black text looks on a background with the Hex color AA4AC7.

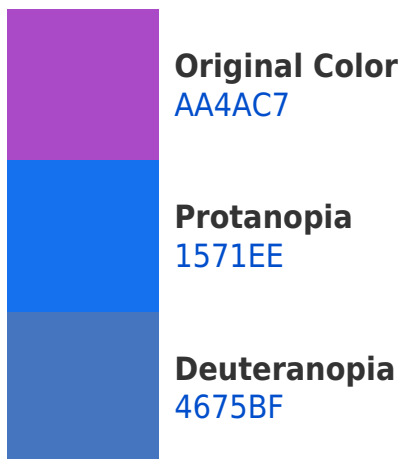



This preview shows how white text looks on a background with the Hex color AA4AC7.

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
9D656C

Trichromacy



Original Color
AA4AC7



Protanomaly
4B63E0



Deuteranomaly
6A65C2



Tritanomaly
A25B8D

Monochromacy



Original Color
AA4AC7



Achromatopsia
757575



Achromatomaly
886593

CSS Examples

Text

The CSS property to change the color of the text to Hex AA4AC7 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 #AA4AC7 looks like.

```
.text, #text, p{  
    color:#AA4AC7  
}
```

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 #AA4AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA4AC7
}
```

Border

The CSS property to change the border of an element to Hex AA4AC7 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
#AA4AC7 }
```

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

```
.border{ border-color:#AA4AC7 }
```

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

Here you see how a box with a 4 pixel #AA4AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA4AC7; -webkit-box-shadow:4px 4px  
4px 4px #AA4AC7; box-shadow:4px 4px 4px  
4px #AA4AC7 }
```

Background

The CSS property to change the background color of an element to Hex AA4AC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA4AC7 }
```

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

```
.background{ background-color:#AA4AC7 }
```

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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