

Converting Colors

Hex(AA74BB)

Have a look what the booklet for
Hex(AA74BB) contains.

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Color

Hex(AA74BB)

Conversions

Conversions Part 1

Format	Color
Hex	AA74BB
RGB	170, 116, 187
RGB Percent	67%, 45%, 73%
CMY	0.3333, 0.5451, 0.2667
CMYK	0.09, 0.38, 0.00, 0.27
HSL	286°, 34%, 59%
HSV	286°, 38%, 73%
XYZ	31.7926, 24.6247, 50.0911
YIQ	140.2400, 9.3930, 33.5290

Conversions

Conversions Part 2

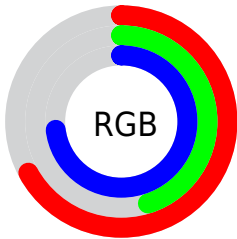
Format	Color
RYB	170, 116, 187
Decimal	11171003
CIELab	56.71, 33.69, -29.04
CIELCh	57, 44.473, 319.241
Yxy	24.6247, 0.2985, 0.2312
Android (android.graphics.Color)	4289361083 (0xFFAA74BB)
YUV	140.2400, 23.0527, 26.0995
Hunter-Lab	49.6233, 27.5205, -25.1127

Details

The Hex color **AA74BB** is a light color, and the websafe version is hex **996699**. A complement of this color would be **85BB74**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E2A9F3**, and **754285** is the 20% darker color. If you saturate the color by 10%, you get **A661BB**, and if you desaturate by 10%, it is **AE87BB**.

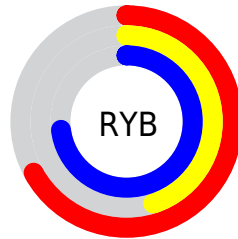
Distribution



Red (67%)

Green (45%)

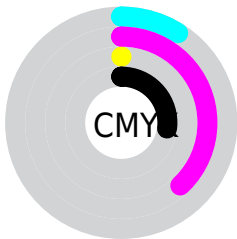
Blue (73%)



Red (67%)

Yellow (45%)

Blue (73%)

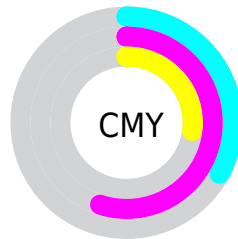


Cyan (9%)

Magenta (38%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA74BB 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 AA74BB by changing the saturation by 10% instead.

■ AA74BB

■ AA74BB

FFFFFF

■ 8F5BA0

■ E2A9F3

■ 754285

■ FFC4FF

■ 5B2A6C

■ FFE1FF

■ 421353

FFFEFF

■ 2A003C

■ 130026

■ 00010E

■ 000000

■ AA74BB

■ AA74BB

 A661BB

 AE87BB

 A14FBB

 B399BB

 9D3CBB

 B7ACBB

 9829BB

 BCBFBB

 9417BB

 C0D2BB

 8F04BB

 C5E4BB

 8E00BB

 C9F7BB

 CEFFBB

 D2FFBB

Harmonies

Analogous

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



7483D1



AA74BB



C96998

Triad

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



AA74BB



AB813A



009CA0

Complementary

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



AA74BB



85BB74

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.



009B78



AA74BB



868E3B

Square

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



AA74BB



C5734F



599654



0098C2

Rectangle

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



AA74BB



D0677D



599654



009C93

Sweetspot

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



AA74BB



ECD8F2



7486BB



776A7A



FAFAFA



7A7A7A

Same Dimension

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



AA74BB



D883F2



BB74A9



5C555E



78009E



17001F

Inverse Universe

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



BB7485



F2839D



74BB86



5E5557



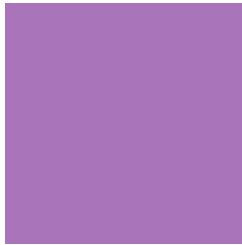
9E0026



1F0007

Previews

White Background



This preview shows how the Hex color AA74BB looks on a white background.

Color Contrast Check

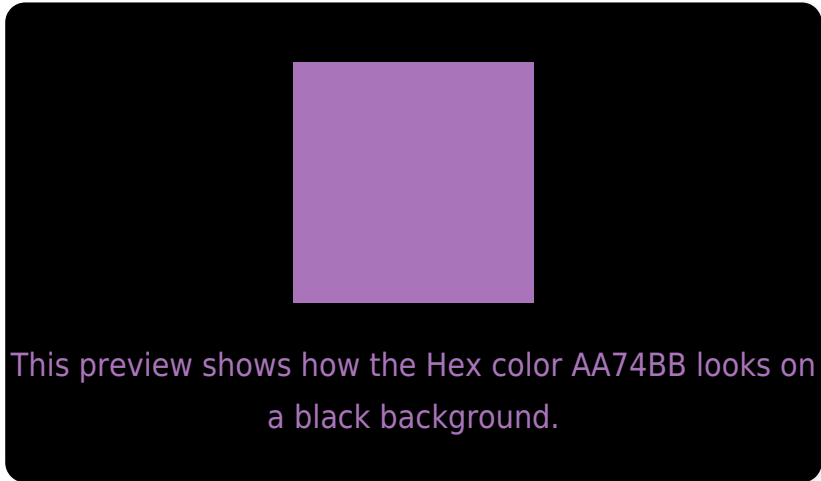
Large Text (above 18pt) WCAG AA ✓ Pass

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

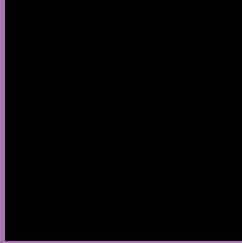
Any Text WCAG AA ✓ Pass

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 AA74BB Background



This preview shows how black text looks on a background with the Hex color AA74BB.

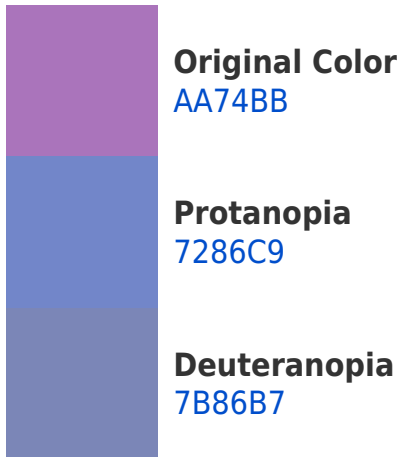


This preview shows how white text looks on a background with the Hex color AA74BB.

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](#).

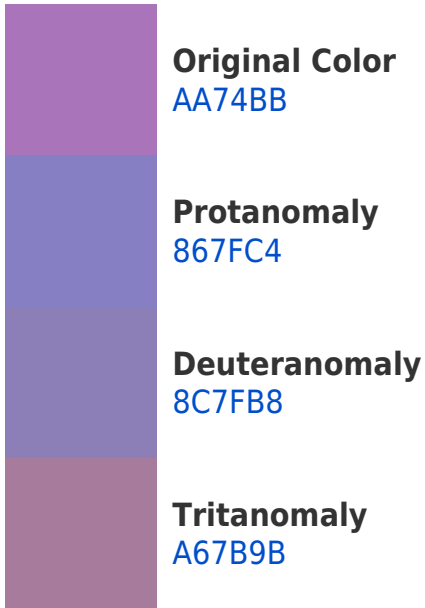
Dichromacy





Tritanopia
A37F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA74BB 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 #AA74BB looks like.

```
.text, #text, p{  
    color:#AA74BB  
}
```

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 #AA74BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA74BB  
}
```

Border

The CSS property to change the border of an element to Hex AA74BB 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  
#AA74BB }
```

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

```
.border{ border-color:#AA74BB }
```

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

Here you see how a box with a 4 pixel #AA74BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA74BB; -webkit-box-shadow:4px 4px  
4px 4px #AA74BB; box-shadow:4px 4px 4px  
4px #AA74BB }
```

Background

The CSS property to change the background color of an element to Hex AA74BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA74BB }
```

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

```
.background{ background-color:#AA74BB }
```

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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