

Converting Colors

Hex(AA75AC)

Have a look what the booklet for
Hex(AA75AC) contains.

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Color

Hex(AA75AC)

Conversions

Conversions Part 1

Format	Color
Hex	AA75AC
RGB	170, 117, 172
RGB Percent	67%, 46%, 67%
CMY	0.3333, 0.5412, 0.3255
CMYK	0.01, 0.32, 0.00, 0.33
HSL	298°, 25%, 57%
HSV	298°, 32%, 67%
XYZ	30.3852, 24.2472, 42.1084
YIQ	139.1170, 13.9330, 28.3410

Conversions

Conversions Part 2

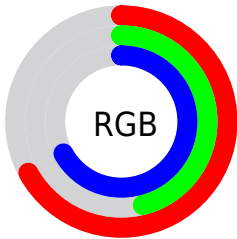
Format	Color
RYB	170, 117, 172
Decimal	11171244
CIELab	56.33, 30.10, -21.00
CIELCh	56, 36.699, 325.096
Yxy	24.2472, 0.3141, 0.2506
Android (android.graphics.Color)	4289361324 (0xFFAA75AC)
YUV	139.1170, 16.2113, 27.0844
Hunter-Lab	49.2414, 23.9739, -16.2324

Details

The Hex color **AA75AC** is a light color, and the websafe version is hex **996699**. A complement of this color would be **77AC75**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E2AAE4**, and **754378** is the 20% darker color. If you saturate the color by 10%, you get **A964AC**, and if you desaturate by 10%, it is **AB86AC**.

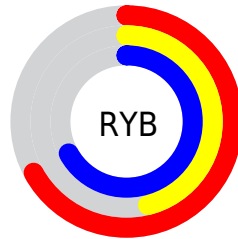
Distribution



Red (67%)

Green (46%)

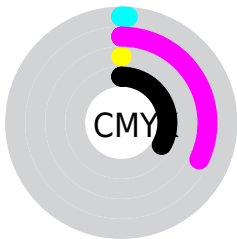
Blue (67%)



Red (67%)

Yellow (46%)

Blue (67%)

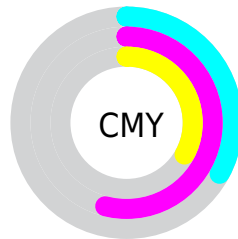


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (54%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA75AC 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 AA75AC by changing the saturation by 10% instead.

■ AA75AC

■ AA75AC

FFFFFF

■ 8F5C91

■ E2AAE4

■ 754378

■ FFC5FF

■ 5B2C5F

■ FFE2FF

■ 431547

FFFEFF

■ 2B0030

■ 12001B

■ 000000

■ AA75AC

■ AA75AC

■ A964AC

■ AB86AC

 A953AC

 AB97AC

 A841AC

 ACA9AC

 A730AC

 ADBAAC

 A71FAC

 ADCBAC

 A60EAC

 AEDCAC

 A600AC

 AEEDAC

 AFFFAC

 B0FFAC

Harmonies

Analogous

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



8281C1



AA75AC



C06E8E

Triad

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



AA75AC



A08347



0097A1

Complementary

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



AA75AC



77AC75

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.



269781



AA75AC



808D4C

Square

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



AA75AC



B87854



5A9461



0094BB

Rectangle

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



AA75AC



C46E78



5A9461



009897

Sweetspot

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



AA75AC



E0CAE0



7578AC



706370



F0F0F0



707070

Same Dimension

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



AA75AC



DD8BE0



AC7593



564E57



910096



160017

Inverse Universe

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



AC7577



E08B8E



75AC8E



574E4E



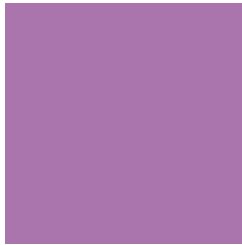
960005



170001

Previews

White Background



This preview shows how the Hex color AA75AC looks on a white background.

Color Contrast Check

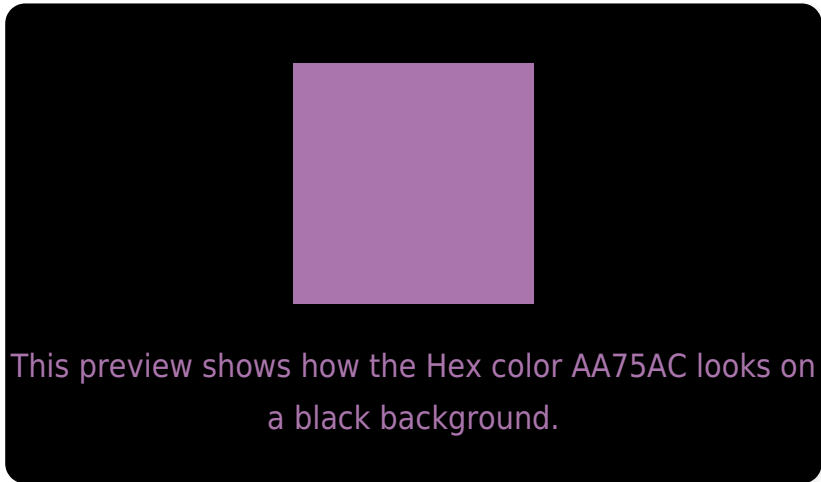
Large Text (above 18pt) WCAG AA ✓ Pass

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

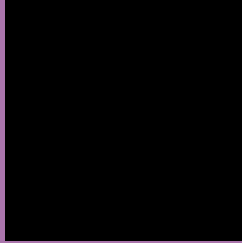
Any Text WCAG AA ✓ Pass

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 AA75AC Background



This preview shows how black text looks on a background with the Hex color AA75AC.

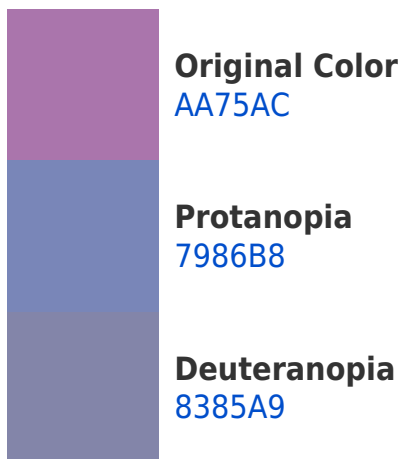



This preview shows how white text looks on a background with the Hex color AA75AC.

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
A57C86

Trichromacy



Original Color
AA75AC

Protanomaly
8B80B4

Deuteranomaly
917FAA

Tritanomaly
A77994

Monochromacy



Original Color
AA75AC

Achromatopsia
8B8B8B

Achromatomaly
968397

CSS Examples

Text

The CSS property to change the color of the text to Hex AA75AC 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 #AA75AC looks like.

```
.text, #text, p{  
    color:#AA75AC  
}
```

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 #AA75AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA75AC
}
```

Border

The CSS property to change the border of an element to Hex AA75AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

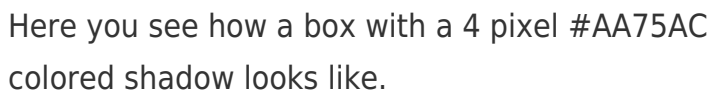
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA75AC }
```

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

```
.border{ border-color:#AA75AC }
```

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



Here you see how a box with a 4 pixel #AA75AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA75AC; -webkit-box-shadow:4px 4px  
4px 4px #AA75AC; box-shadow:4px 4px 4px  
4px #AA75AC }
```

Background

The CSS property to change the background color of an element to Hex AA75AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA75AC }
```

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

```
.background{ background-color:#AA75AC }
```

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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