

Converting Colors

Hex(AC77AA)

Have a look what the booklet for
Hex(AC77AA) contains.

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Color

Hex(AC77AA)

Conversions

Conversions Part 1

Format	Color
Hex	AC77AA
RGB	172, 119, 170
RGB Percent	67%, 47%, 67%
CMY	0.3255, 0.5333, 0.3333
CMYK	0.00, 0.31, 0.01, 0.33
HSL	302°, 24%, 57%
HSV	302°, 31%, 67%
XYZ	30.8658, 24.8666, 41.2031
YIQ	140.6610, 15.2170, 27.0970

Conversions

Conversions Part 2

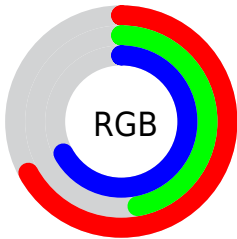
Format	Color
R _Y B	172, 119, 170
Decimal	11302826
CIE Lab	56.95, 29.26, -18.89
CIE LCh	57, 34.828, 327.146
Yxy	24.8666, 0.3184, 0.2565
Android (android.graphics.Color)	4289492906 (0xFFAC77AA)
YUV	140.6610, 14.4641, 27.4843
Hunter-Lab	49.8664, 23.2198, -14.0831

Details

The Hex color **AC77AA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **77AC79**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **E4ACE1**, and **774576** is the 20% darker color. If you saturate the color by 10%, you get **AC66A9**, and if you desaturate by 10%, it is **AC88AB**.

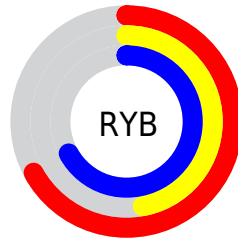
Distribution



Red (67%)

Green (47%)

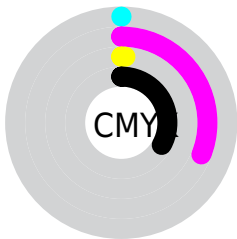
Blue (67%)



Red (67%)

Yellow (47%)

Blue (67%)

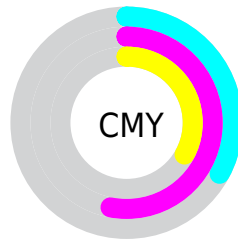


Cyan (0%)

Magenta (31%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC77AA 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 AC77AA by changing the saturation by 10% instead.

 AC77AA

 AC77AA

FFFFFF

 915E8F

 E4ACE1

 774576

 FFC7FE

 5D2E5D

 FFE4FF

 451745

 2D002F

 16001A

 000000

 AC77AA

 AC77AA

 AC66A9

 AC88AB

■ AC55A9

■ AC99AB

■ AC43A8

■ ACABAC

■ AC32A7

■ ACBCAD

■ AC21A7

■ ACCDAD

■ AC10A6

■ ACDEAE

■ AC00A6

■ ACEFAF

■ ACFFAF

■ ACFFB0

Harmonies

Analogous

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



8882BF



AC77AA



C0718D

Triad

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



AC77AA



9F864B



0098A3

Complementary

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



AC77AA



77AC79

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.



2E9885



AC77AA



808F51

Square

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



AC77AA



B67B57



5C9567



0394BB

Rectangle

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



AC77AA



C47178



5C9567



00999A

Sweetspot

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



AC77AA



E0CCE0



7977AC



706470



F0F0F0



707070

Same Dimension

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



AC77AA



E08DDD



AC7790



574E56



960091



170016

Inverse Universe

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



AC77AA



E08DDD



77AC93



574E56



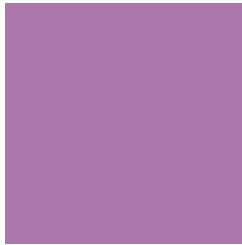
960091



170016

Previews

White Background



This preview shows how the Hex color AC77AA looks on a white background.

Color Contrast Check

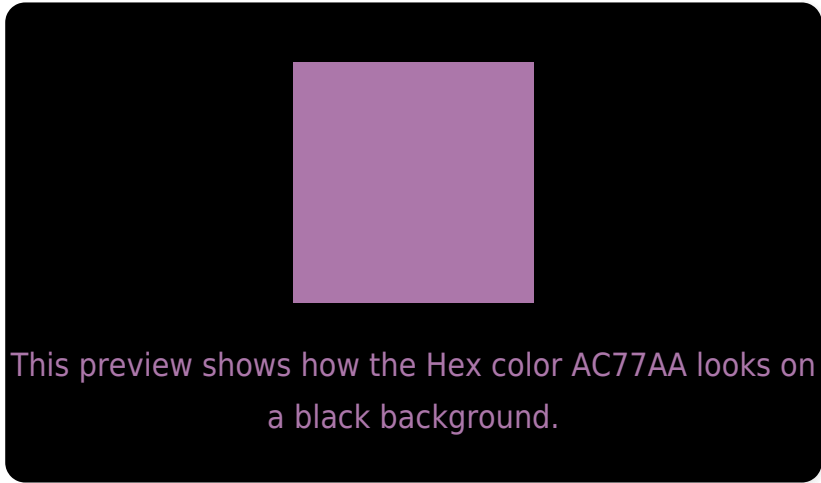
Large Text (above 18pt) WCAG AA ✓ Pass

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

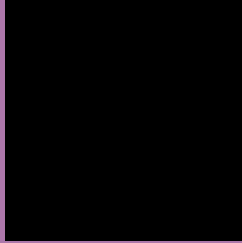
Any Text WCAG AA ✓ Pass

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 AC77AA Background



This preview shows how black text looks on a background with the Hex color AC77AA.

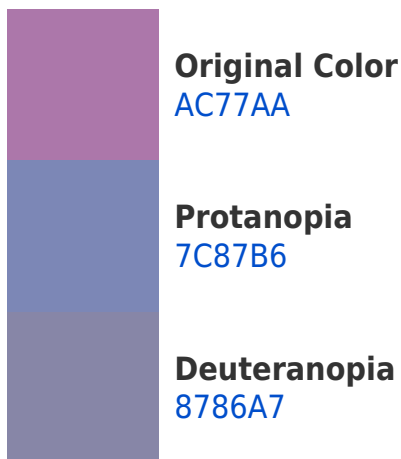


This preview shows how white text looks on a background with the Hex color AC77AA.

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
A77E87

Trichromacy



Original Color
AC77AA

Protanomaly
8D81B2

Deuteranomaly
9481A8

Tritanomaly
A97B94

Monochromacy



Original Color
AC77AA

Achromatopsia
8D8D8D

Achromatomaly
988598

CSS Examples

Text

The CSS property to change the color of the text to Hex AC77AA 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 #AC77AA looks like.

```
.text, #text, p{  
    color:#AC77AA  
}
```

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 #AC77AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC77AA
}
```

Border

The CSS property to change the border of an element to Hex AC77AA 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
#AC77AA }
```

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

```
.border{ border-color:#AC77AA }
```

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

Here you see how a box with a 4 pixel #AC77AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC77AA; -webkit-box-shadow:4px 4px  
4px 4px #AC77AA; box-shadow:4px 4px 4px  
4px #AC77AA }
```

Background

The CSS property to change the background color of an element to Hex AC77AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC77AA }
```

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

```
.background{ background-color:#AC77AA }
```

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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