

# Converting Colors

Hex(AC69AA)

Have a look what the booklet for  
Hex(AC69AA) contains.

|  |    |
|--|----|
| <b>Hex(AC69AA)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(AC69AA)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | AC69AA                     |
| RGB           | 172, 105, 170              |
| RGB Percent   | 67%, 41%, 67%              |
| CMY           | 0.3255, 0.5882, 0.3333     |
| CMYK          | 0.00, 0.39, 0.01, 0.33     |
| HSL           | 302°, 29%, 54%             |
| HSV           | 302°, 39%, 67%             |
| XYZ           | 29.3205, 21.7761, 40.6881  |
| YIQ           | 132.4430, 19.0670, 34.4190 |

# Conversions

## Conversions Part 2

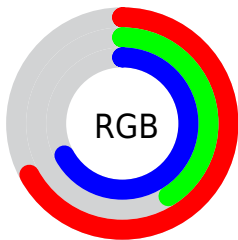
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 172, 105, 170                 |
| Decimal                             | 11299242                      |
| CIE Lab                             | 53.79, 37.03, -23.73          |
| CIE LCh                             | 54, 43.981, 327.346           |
| Yxy                                 | 21.7761, 0.3194,<br>0.2373    |
| Android<br>(android.graphics.Color) | 4289489322<br>(0xFFAC69AA)    |
| YUV                                 | 132.4430, 18.5156,<br>34.6915 |
| Hunter-Lab                          | 46.6649, 30.4919,<br>-19.0308 |

# Details

The Hex color **AC69AA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **69AC6B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E59EE1**, and **763776** is the 20% darker color. If you saturate the color by 10%, you get **AC58A9**, and if you desaturate by 10%, it is **AC7AAB**.

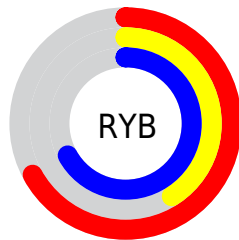
# Distribution



Red (67%)

Green (41%)

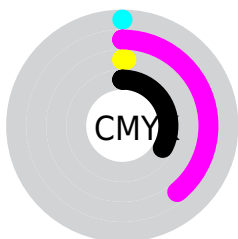
Blue (67%)



Red (67%)

Yellow (41%)

Blue (67%)

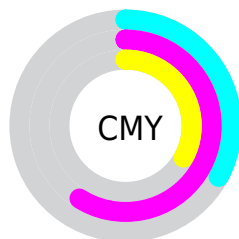


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (59%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC69AA 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 AC69AA by changing the saturation by 10% instead.



 AC69AA

 AC69AA

FFFFFF

 91508F

 E59EE1

 763776

 FFB9FE

 5C1E5D

 FFD5FF

 430345

 FFF2FF

 2C002E

 0C0019

 000000

 AC69AA

 AC69AA

 AC58A9

 AC7AAB

 AC47A9

 AC8BAB

 AC35A8

 AC9DAC

 AC24A8

 ACAAEC

 AC13A7

 ACBFAD

 AC02A7

 ACD0AD

 AC00A7

 ACE1AE

 ACF3AE

 ACFFAF

# Harmonies

## Analogous

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



7D78C4



AC69AA



C46086

# Triad

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



AC69AA



997D32



0093A2

# Complementary

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



AC69AA



69AC6B

# 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.



00937C



AC69AA



74893A

# Square

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



AC69AA



B66F41



439056



008FC0

# Rectangle

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



AC69AA



C7616C



439056



009496



# Sweetspot

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



AC69AA



E0C5E0



6A69AC



706070



F0F0F0



707070



# Same Dimension

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



AC69AA



E077DD



AC6989



574E56



960092



170016



# Inverse Universe

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



AC69AA



E077DD



69AC8C



574E56



960092



170016



# Previews

## White Background



This preview shows how the Hex color AC69AA looks on a white background.

## Color Contrast Check

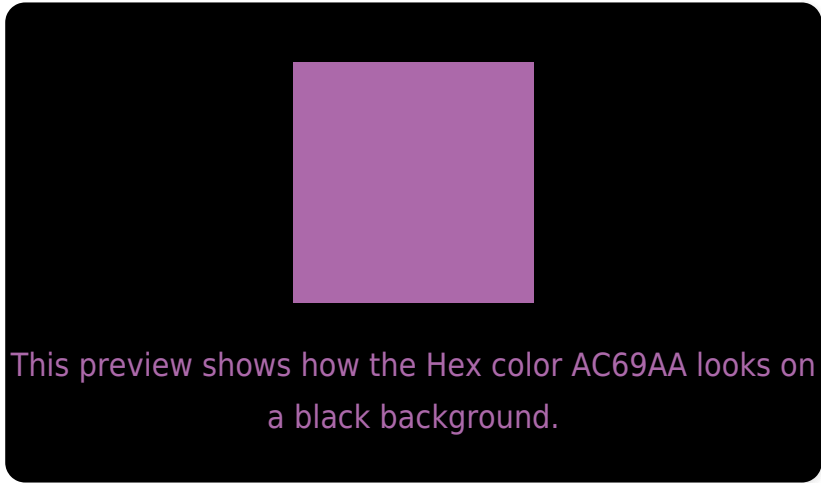
Large Text (above 18pt) WCAG AA ✓ Pass

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

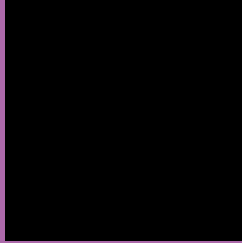
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC69AA Background



This preview shows how black text looks on a background with the Hex color AC69AA.

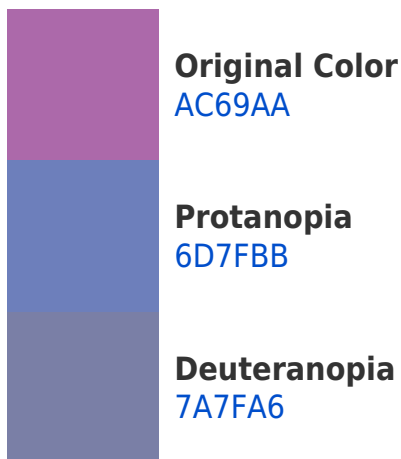


This preview shows how white text looks on a background with the Hex color AC69AA.

# 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**  
A6737C

# Trichromacy



**Original Color**  
AC69AA



**Protanomaly**  
8477B5



**Deuteranomaly**  
8C77A7



**Tritanomaly**  
A86F8D

# Monochromacy



**Original Color**  
AC69AA



**Achromatopsia**  
848484



**Achromatomaly**  
937A92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC69AA 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 #AC69AA looks like.

```
.text, #text, p{  
    color:#AC69AA  
}
```

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 #AC69AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC69AA
}
```

## Border

The CSS property to change the border of an element to Hex AC69AA 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
#AC69AA }
```

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

```
.border{ border-color:#AC69AA }
```

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

Here you see how a box with a 4 pixel #AC69AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC69AA; -webkit-box-shadow:4px 4px  
4px 4px #AC69AA; box-shadow:4px 4px 4px  
4px #AC69AA }
```

# Background

The CSS property to change the background color of an element to Hex AC69AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC69AA }
```

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

```
.background{ background-color:#AC69AA }
```

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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