

Converting Colors

Hex(AC67A7)

Have a look what the booklet for
Hex(AC67A7) contains.

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Color

Hex(AC67A7)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AC67A7 |
| RGB | 172, 103, 167 |
| RGB Percent | 67%, 40%, 65% |
| CMY | 0.3255, 0.5961, 0.3451 |
| CMYK | 0.00, 0.40, 0.03, 0.33 |
| HSL | 304°, 29%, 54% |
| HSV | 304°, 40%, 67% |
| XYZ | 28.8386, 21.2612, 39.1431 |
| YIQ | 130.9270, 20.5800, 34.5320 |

Conversions

Conversions Part 2

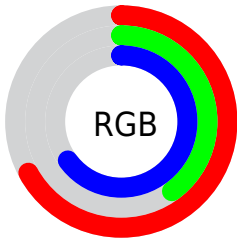
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 172, 103, 167 |
| Decimal | 11298727 |
| CIE _{Lab} | 53.23, 37.56, -22.84 |
| CIE _{LCh} | 53, 43.958, 328.695 |
| Yxy | 21.2612, 0.3231, 0.2382 |
| Android (android.graphics.Color) | 4289488807 (0xFFAC67A7) |
| YUV | 130.9270, 17.7840, 36.0210 |
| Hunter-Lab | 46.1098, 30.9473, -18.0549 |

Details

The Hex color **AC67A7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67AC6C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E59CDE**, and **763573** is the 20% darker color. If you saturate the color by 10%, you get **AC56A6**, and if you desaturate by 10%, it is **AC78A8**.

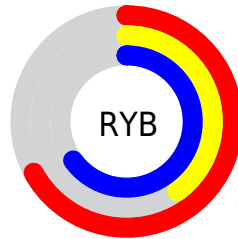
Distribution



Red (67%)

Green (40%)

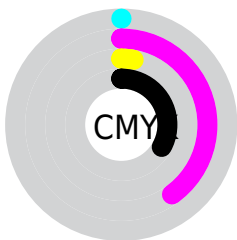
Blue (65%)



Red (67%)

Yellow (40%)

Blue (65%)

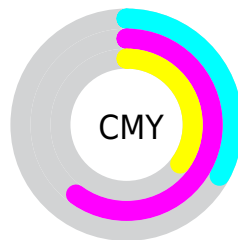


Cyan (0%)

Magenta (40%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (60%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Hex color AC67A7 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 AC67A7 by changing the saturation by 10% instead.

 AC67A7

 AC67A7

FFFFFF

 914E8C

 E59CDE

 763573

 FFB7FB

 5C1C5A

 FFD3FF

 430042

 FFF0FF

 2C002C

 090017

 000000

 AC67A7

 AC67A7

 AC56A6

 AC78A8

■ AC45A5

■ AC89A9

■ AC33A3

■ AC9BAB

■ AC22A2

■ ACACAC

■ AC11A1

■ ACBDAD

■ AC00A0

■ ACCEAE

■ ACDFB0

■ ACF1B1

■ ACFFB2

Harmonies

Analogous

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



7E76C2



AC67A7



C35E82

Triad

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



AC67A7



967D30



0091A2

Complementary

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



AC67A7



67AC6C

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.



00927C



AC67A7



708839

Square

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



AC67A7



B36F3F



3F8F56



008DBF

Rectangle

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



AC67A7



C65F69



3F8F56



009296

Sweetspot

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



AC67A7



E0C5DE



6C67AC



70606F



F0F0F0



707070

Same Dimension

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



AC67A7



E075D9



AC6785



574E56



96008C



170015

Inverse Universe

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



AC67A7



E075D9



67AC8E



574E56



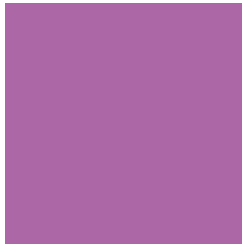
96008C



170015

Previews

White Background



This preview shows how the Hex color AC67A7 looks on a white background.

Color Contrast Check

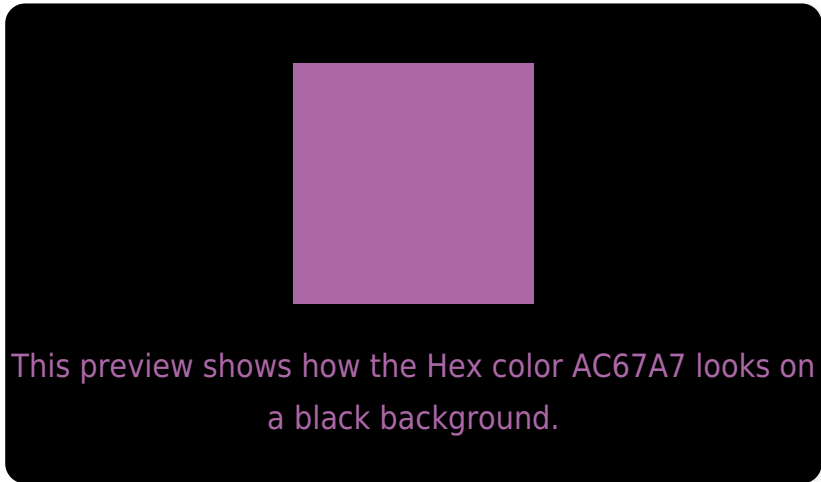
Large Text (above 18pt) WCAG AA ✓ Pass

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

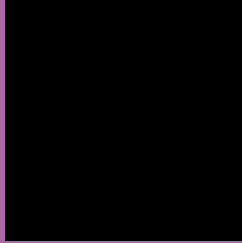
Any Text WCAG AA ✓ Pass

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 AC67A7 Background



This preview shows how black text looks on a background with the Hex color AC67A7.

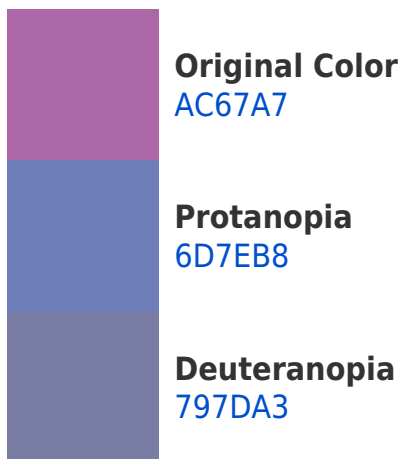


This preview shows how white text looks on a background with the Hex color AC67A7.

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
A67179

Trichromacy



Original Color
AC67A7

Protanomaly
8476B2

Deuteranomaly
8C75A4

Tritanomaly
A86D8A

Monochromacy



Original Color
AC67A7

Achromatopsia
838383

Achromatomaly
927990

CSS Examples

Text

The CSS property to change the color of the text to Hex AC67A7 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 #AC67A7 looks like.

```
.text, #text, p{  
    color:#AC67A7  
}
```

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 #AC67A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC67A7
}
```

Border

The CSS property to change the border of an element to Hex AC67A7 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
#AC67A7 }
```

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

```
.border{ border-color:#AC67A7 }
```

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

Here you see how a box with a 4 pixel #AC67A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC67A7; -webkit-box-shadow:4px 4px  
4px 4px #AC67A7; box-shadow:4px 4px 4px  
4px #AC67A7 }
```

Background

The CSS property to change the background color of an element to Hex AC67A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC67A7 }
```

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

```
.background{ background-color:#AC67A7 }
```

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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