

# Converting Colors

Hex(AC82B0)

Have a look what the booklet for  
Hex(AC82B0) contains.

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# **Color**

**Hex(AC82B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC82B0
RGB	172, 130, 176
RGB Percent	67%, 51%, 69%
CMY	0.3255, 0.4902, 0.3098
CMYK	0.02, 0.26, 0.00, 0.31
HSL	295°, 23%, 60%
HSV	295°, 26%, 69%
XYZ	32.8324, 27.8705, 44.7234
YIQ	147.8020, 10.2660, 23.2100

# Conversions

## Conversions Part 2

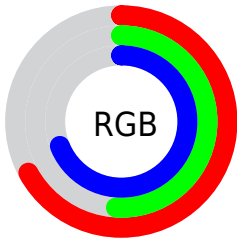
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 130, 176
Decimal	11305648
CIELab	59.77, 24.22, -18.03
CIElCh	60, 30.197, 323.341
Yxy	27.8705, 0.3114, 0.2644
Android (android.graphics.Color)	4289495728 (0xFFAC82B0)
YUV	147.8020, 13.9016, 21.2216
Hunter-Lab	52.7925, 18.6246, -13.2730

# Details

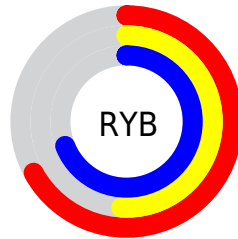
The Hex color **AC82B0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86B082**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E4B7E8**, and **77507B** is the 20% darker color. If you saturate the color by 10%, you get **AA70B0**, and if you desaturate by 10%, it is **AE94B0**.

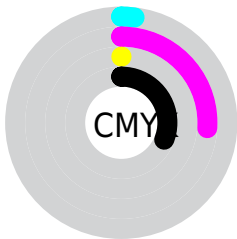
# Distribution



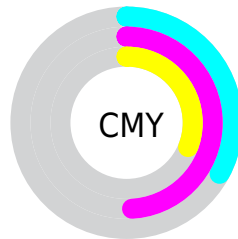
- Red (67%)
- Green (51%)
- Blue (69%)



- Red (67%)
- Yellow (51%)
- Blue (69%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (49%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC82B0 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 AC82B0 by changing the saturation by 10% instead.



 AC82B0

 AC82B0

FFFFFF

 916995

 E4B7E8

 77507B

 FFD3FF

 5E3962

 FFF0FF

 46224A

 2E0C34

 1D001F

 000001

 000000

 AC82B0

 AC82B0

■ AA70B0

■ AE94B0

■ A95FB0

■ AFA5B0

■ A74DB0

■ B1B7B0

■ A63CB0

■ B2C8B0

■ A42AB0

■ B4DAB0

■ A318B0

■ B5ECB0

■ A107B0

■ B7FDB0

■ A100B0

■ B8FFB0

■ BAFFB0

# Harmonies

## Analogous

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



8B8BC1



AC82B0



C07C97

# Triad

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



AC82B0



A78C5B



339EA4

# Complementary

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



AC82B0



86B082

# 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.



4D9E89



AC82B0



8D955E

# Square

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



AC82B0



BB8366



6E9B6F



3B9BBA

# Rectangle

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



AC82B0



C47C85



6E9B6F



3A9E9B



# Sweetspot

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



AC82B0



E4D3E6



8287B0



726773



F2F2F2



737373



# Same Dimension

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



AC82B0



DF9EE6



B0829E



585059



8C0099



17001A



# Inverse Universe

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



B08286



E69EA5



82B094



595051



99000D

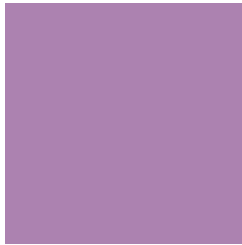


1A0002



# Previews

## White Background



This preview shows how the Hex color AC82B0 looks on a white background.

## Color Contrast Check

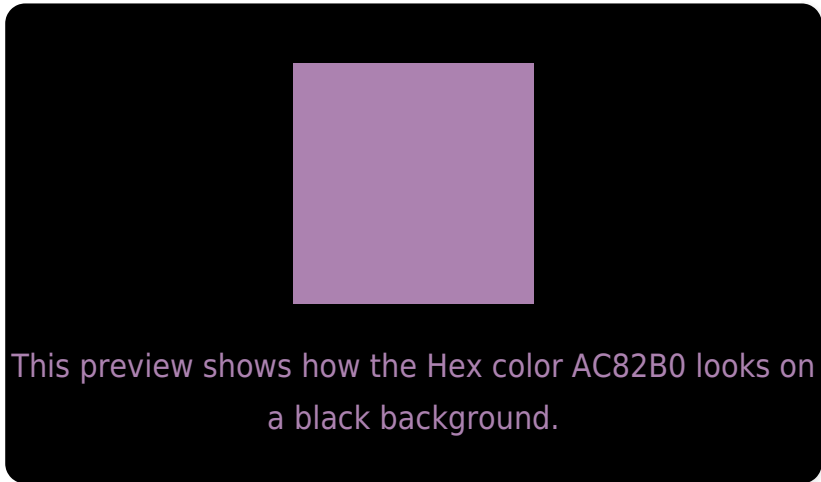
Large Text (above 18pt) WCAG AA ✓ Pass

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

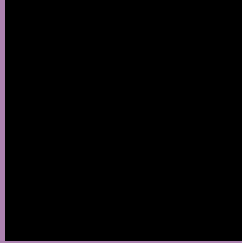
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC82B0 Background



This preview shows how black text looks on a background with the Hex color AC82B0.

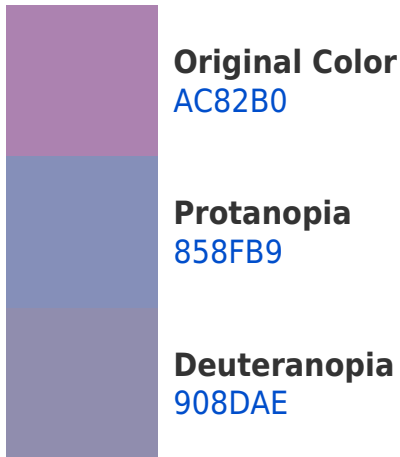


This preview shows how white text looks on a background with the Hex color AC82B0.

# 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**  
A88892

# Trichromacy



**Original Color**  
AC82B0

**Protanomaly**  
938AB6

**Deuteranomaly**  
9A89AF

**Tritanomaly**  
A9869D

# Monochromacy



**Original Color**  
AC82B0

**Achromatopsia**  
949494

**Achromatomaly**  
9D8D9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC82B0 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 #AC82B0 looks like.

```
.text, #text, p{  
    color:#AC82B0  
}
```

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 #AC82B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC82B0  
}
```

## Border

The CSS property to change the border of an element to Hex AC82B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

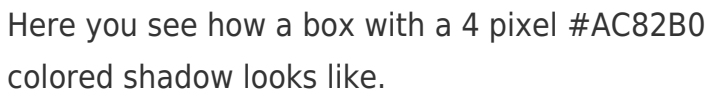
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AC82B0 }
```

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

```
.border{ border-color:#AC82B0 }
```

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



Here you see how a box with a 4 pixel `#AC82B0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC82B0; -webkit-box-shadow:4px 4px  
4px 4px #AC82B0; box-shadow:4px 4px 4px  
4px #AC82B0 }
```

# Background

The CSS property to change the background color of an element to Hex AC82B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC82B0 }
```

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

```
.background{ background-color:#AC82B0 }
```

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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