

# Converting Colors

Hex(AE84B5)

Have a look what the booklet for  
Hex(AE84B5) contains.

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# Color

**Hex(AE84B5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE84B5
RGB	174, 132, 181
RGB Percent	68%, 52%, 71%
CMY	0.3176, 0.4824, 0.2902
CMYK	0.04, 0.27, 0.00, 0.29
HSL	291°, 25%, 61%
HSV	291°, 27%, 71%
XYZ	34.0473, 28.8374, 47.4877
YIQ	150.1440, 9.3030, 24.1430

# Conversions

## Conversions Part 2

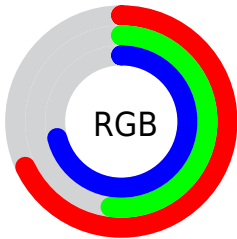
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 132, 181
Decimal	11437237
CIELab	60.64, 24.77, -19.54
CIELCh	61, 31.544, 321.730
Yxy	28.8374, 0.3085, 0.2613
Android (android.graphics.Color)	4289627317 (0xFFAE84B5)
YUV	150.1440, 15.2120, 20.9217
Hunter-Lab	53.7005, 19.1973, -14.8403

# Details

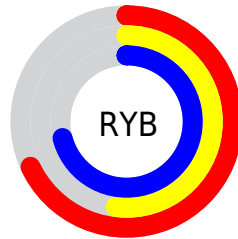
The Hex color **AE84B5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8BB584**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E6B9ED**, and **795280** is the 20% darker color. If you saturate the color by 10%, you get **AB72B5**, and if you desaturate by 10%, it is **B196B5**.

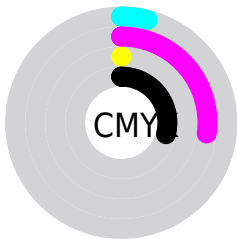
# Distribution



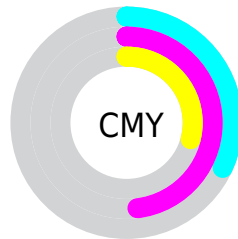
- Red (68%)
- Green (52%)
- Blue (71%)



- Red (68%)
- Yellow (52%)
- Blue (71%)



- Cyan (4%)
- Magenta (27%)
- Yellow (0%)
- Black (29%)



- Cyan (32%)
- Magenta (48%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE84B5 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 AE84B5 by changing the saturation by 10% instead.



 AE84B5

 AE84B5

FFFFFF

 936B9A

 E6B9ED

 795280

 FFD5FF

 603A67

 FFF2FF

 47244F

 300E38

 1E0022

 000008

 000000

 AE84B5

 AE84B5

AB72B5

B196B5

A960B5

B3A8B5

A64EB5

B6BAB5

A43CB5

B8CCB5

A12AB5

BBDFB5

9E17B5

BEF1B5

9C05B5

C0FFB5

9B00B5

C3FFB5

C5FFB5

# Harmonies

## Analogous

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



8B8EC6



AE84B5



C37E9B

# Triad

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



AE84B5



AC8E5B



2EA1A6

# Complementary

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



AE84B5



8BB584

# 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.



4EA189



AE84B5



90975E

# Square

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



AE84B5



C08468



709D6F



349EBD

# Rectangle

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



AE84B5



C97D88



709D6F



37A19D



# Sweetspot

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



AE84B5



E8D8EB



848BB5



746A75



F5F5F5



757575



# Same Dimension

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



AE84B5



E0A0EB



B584A4



585059



830099



16001A



# Inverse Universe

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



B5848B



EBA0AA



84B595



595052



990016

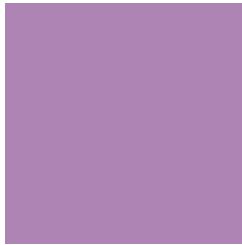


1A0004



# Previews

## White Background



This preview shows how the Hex color AE84B5 looks on a white background.

## Color Contrast Check

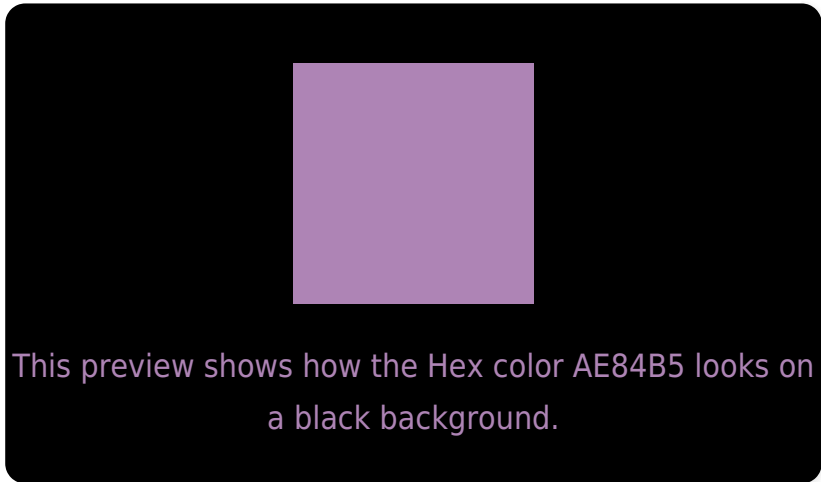
Large Text (above 18pt) WCAG AA ✓ Pass

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

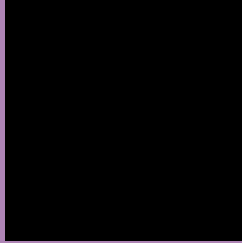
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE84B5 Background



This preview shows how black text looks on a background with the Hex color AE84B5.

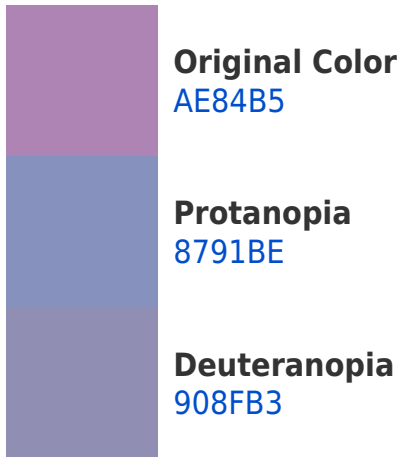



This preview shows how white text looks on a background with the Hex color AE84B5.

# 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**  
A98A95

# Trichromacy



**Original Color**  
AE84B5

**Protanomaly**  
958CBB

**Deuteranomaly**  
9B8BB4

**Tritanomaly**  
AB88A1

# Monochromacy



**Original Color**  
AE84B5

**Achromatopsia**  
969696

**Achromatomaly**  
9F8FA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE84B5 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 #AE84B5 looks like.

```
.text, #text, p{  
    color:#AE84B5  
}
```

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 #AE84B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE84B5
}
```

## Border

The CSS property to change the border of an element to Hex AE84B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

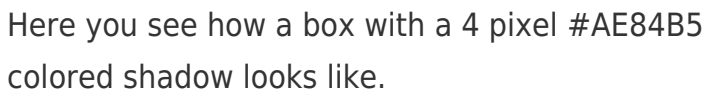
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE84B5 }
```

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

```
.border{ border-color:#AE84B5 }
```

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



Here you see how a box with a 4 pixel #AE84B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE84B5; -webkit-box-shadow:4px 4px  
4px 4px #AE84B5; box-shadow:4px 4px 4px  
4px #AE84B5 }
```

# Background

The CSS property to change the background color of an element to Hex AE84B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE84B5 }
```

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

```
.background{ background-color:#AE84B5 }
```

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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