

# Converting Colors

Hex(AB84A3)

Have a look what the booklet for  
Hex(AB84A3) contains.

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# **Color**

**Hex(AB84A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB84A3
RGB	171, 132, 163
RGB Percent	67%, 52%, 64%
CMY	0.3294, 0.4824, 0.3608
CMYK	0.00, 0.23, 0.05, 0.33
HSL	312°, 19%, 59%
HSV	312°, 23%, 67%
XYZ	31.6567, 27.8048, 38.3487
YIQ	147.1950, 13.2930, 17.9090

# Conversions

## Conversions Part 2

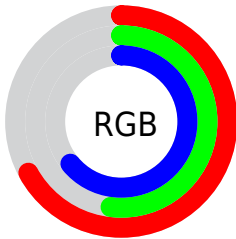
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 132, 163
Decimal	11240611
CIELab	59.71, 20.24, -10.70
CIELCh	60, 22.898, 332.133
Yxy	27.8048, 0.3237, 0.2843
Android (android.graphics.Color)	4289430691 (0xFFAB84A3)
YUV	147.1950, 7.7919, 20.8770
Hunter-Lab	52.7303, 14.8849, -6.2082

# Details

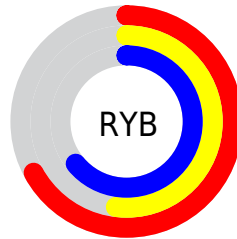
The Hex color **AB84A3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84AB8C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E3B9DA**, and **76526F** is the 20% darker color. If you saturate the color by 10%, you get **AB739F**, and if you desaturate by 10%, it is **AB95A7**.

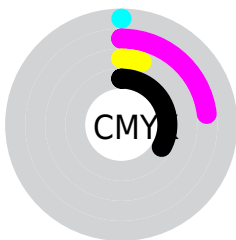
# Distribution



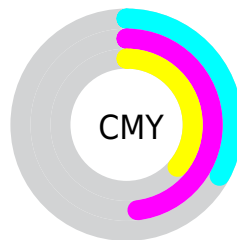
- Red (67%)
- Green (52%)
- Blue (64%)



- Red (67%)
- Yellow (52%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (48%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB84A3 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 AB84A3 by changing the saturation by 10% instead.





AB84A3



AB84A3

FFFFFF



906B89



E3B9DA



76526F



FFD5F6



5D3B57



FFF2FF



452440



2E0F2A



1C0016



000000



AB84A3



AB84A3



AB739F



AB95A7

 AB629C

 ABA6AA

 AB5198

 ABB7AE

 AB4095

 ABC8B1

 AB2F91

 ABDAB5

 AB1D8E

 ABEBB8

 AB0C8A

 ABFCBC

 AB0088

 ABFFBF

 ABFFC3

# Harmonies

## Analogous

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



958AB2



AB84A3



B7818F

# Triad

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



AB84A3



9D8F68



549AA4

# Complementary

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



AB84A3



84AB8C

# 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.



5C9B91



AB84A3



87956D

# Square

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



AB84A3



AE886D



70997C



5F97B3

# Rectangle

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



AB84A3



B98282



70997C



549B9E



# Sweetspot

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



AB84A3



DECEDB



8C84AB



70676E



F0F0F0



707070



# Same Dimension

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



AB84A3



DEA2D2



AB8490



574E55



960078



170012



# Inverse Universe

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



AB84A3



DEA2D2



84AB9F



574E55



960078

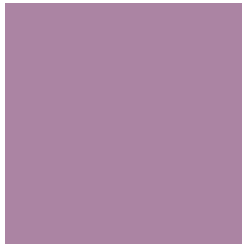


170012



# Previews

## White Background



This preview shows how the Hex color AB84A3 looks on a white background.

## Color Contrast Check

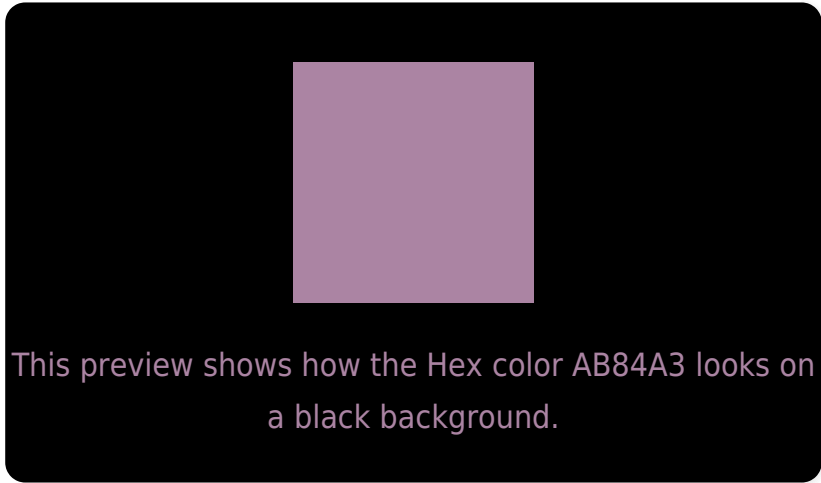
Large Text (above 18pt) WCAG AA ✓ Pass

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

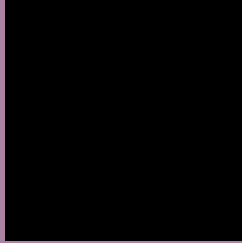
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB84A3 Background



This preview shows how black text looks on a background with the Hex color AB84A3.

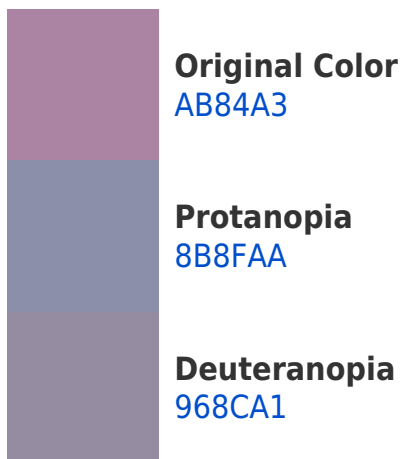


This preview shows how white text looks on a background with the Hex color AB84A3.

# 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**  
A98792

# Trichromacy



**Original Color**  
AB84A3

**Protanomaly**  
978BA7

**Deuteranomaly**  
9E89A2

**Tritanomaly**  
AA8698

# Monochromacy



**Original Color**  
AB84A3

**Achromatopsia**  
939393

**Achromatomaly**  
9C8E99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB84A3 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 #AB84A3 looks like.

```
.text, #text, p{  
    color:#AB84A3  
}
```

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 #AB84A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB84A3
}
```

## Border

The CSS property to change the border of an element to Hex AB84A3 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
#AB84A3 }
```

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

```
.border{ border-color:#AB84A3 }
```

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

Here you see how a box with a 4 pixel #AB84A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB84A3; -webkit-box-shadow:4px 4px  
4px 4px #AB84A3; box-shadow:4px 4px 4px  
4px #AB84A3 }
```

# Background

The CSS property to change the background color of an element to Hex AB84A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB84A3 }
```

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

```
.background{ background-color:#AB84A3 }
```

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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