

# Converting Colors

Hex(AB84B1)

Have a look what the booklet for  
Hex(AB84B1) contains.

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# **Color**

**Hex(AB84B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB84B1
RGB	171, 132, 177
RGB Percent	67%, 52%, 69%
CMY	0.3294, 0.4824, 0.3059
CMYK	0.03, 0.25, 0.00, 0.31
HSL	292°, 22%, 61%
HSV	292°, 25%, 69%
XYZ	32.9817, 28.3348, 45.3258
YIQ	148.7910, 8.7990, 22.2630

# Conversions

## Conversions Part 2

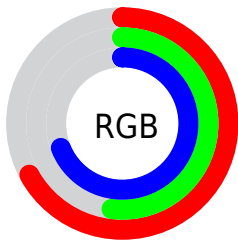
Format	Color
<a href="#">RYB</a>	<a href="#">171, 132, 177</a>
Decimal	<a href="#">11240625</a>
CIELab	<a href="#">60.19, 22.95, -17.97</a>
CIElCh	<a href="#">60, 29.151, 321.938</a>
Yxy	<a href="#">28.3348, 0.3093, 0.2657</a>
Android (android.graphics.Color)	<a href="#">4289430705 (0xFFAB84B1)</a>
YUV	<a href="#">148.7910, 13.9070, 19.4773</a>
Hunter-Lab	<a href="#">53.2304, 17.4457, -13.2243</a>

# Details

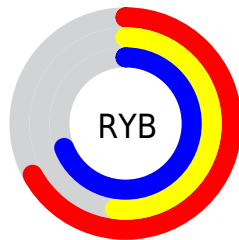
The Hex color **AB84B1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8AB184**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E3B9E9**, and **76527C** is the 20% darker color. If you saturate the color by 10%, you get **A972B1**, and if you desaturate by 10%, it is **AD96B1**.

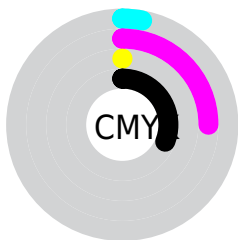
# Distribution



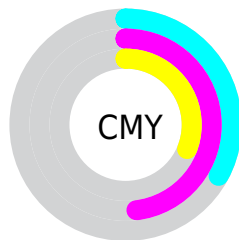
- Red (67%)
- Green (52%)
- Blue (69%)



- Red (67%)
- Yellow (52%)
- Blue (69%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (48%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB84B1 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 AB84B1 by changing the saturation by 10% instead.



 AB84B1

 AB84B1

FFFFFF

 906B96

 E3B9E9

 76527C

 FFD5FF

 5D3B63

 FFF2FF

 45244B

 2E0E34

 1C0020

 000003

 000000

 AB84B1

 AB84B1

 A972B1

 AD96B1

 A661B1

 B0A7B1

 A44FB1

 B2B9B1

 A23DB1

 B4CBB1

 9F2CB1

 B7DDB1

 9D1AB1

 B9EEB1

 9A08B1

 BCFFB1

 9900B1

 BEFFB1

 C0FFB1

# Harmonies

## Analogous

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



8B8DC1



AB84B1



BF7E99

# Triad

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



AB84B1



A98D5E



3B9FA3

# Complementary

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



AB84B1



8AB184

# 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.



539F89



AB84B1



8F9561

# Square

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



AB84B1



BC846A



729B71



419CB9

# Rectangle

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



AB84B1



C47E88



729B71



419F9B



# Sweetspot

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



AB84B1



E3D3E6



848AB1



716773



F2F2F2



737373



# Same Dimension

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



AB84B1



DC9EE6



B184A0



585059



850099



16001A



# Inverse Universe

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



B1848A



E69EA8



84B195



595052



990014

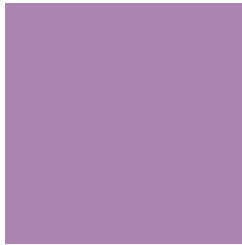


1A0003



# Previews

## White Background



This preview shows how the Hex color AB84B1 looks on a white background.

## Color Contrast Check

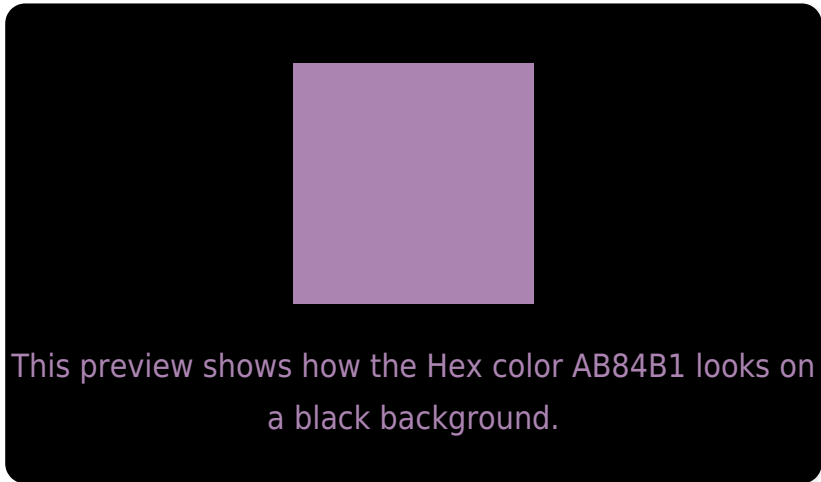
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB84B1 Background



This preview shows how black text looks on a background with the Hex color AB84B1.

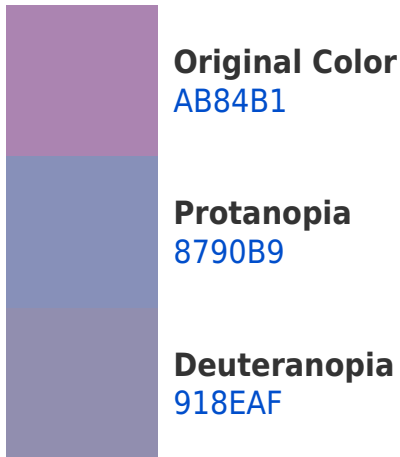


This preview shows how white text looks on a background with the Hex color AB84B1.

# 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**  
A78994

# Trichromacy



**Original Color**  
AB84B1

**Protanomaly**  
948CB6

**Deuteranomaly**  
9A8AB0

**Tritanomaly**  
A8879F

# Monochromacy



**Original Color**  
AB84B1

**Achromatopsia**  
959595

**Achromatomaly**  
9D8F9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB84B1 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 #AB84B1 looks like.

```
.text, #text, p{  
    color:#AB84B1  
}
```

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 #AB84B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB84B1
}
```

## Border

The CSS property to change the border of an element to Hex AB84B1 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
#AB84B1 }
```

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

```
.border{ border-color:#AB84B1 }
```

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

Here you see how a box with a 4 pixel #AB84B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB84B1; -webkit-box-shadow:4px 4px  
4px 4px #AB84B1; box-shadow:4px 4px 4px  
4px #AB84B1 }
```

# Background

The CSS property to change the background color of an element to Hex AB84B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB84B1 }
```

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

```
.background{ background-color:#AB84B1 }
```

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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