

Converting Colors

Hex(AB84B4)

Have a look what the booklet for
Hex(AB84B4) contains.

Hex(AB84B4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AB84B4)

Conversions

Conversions Part 1

Format	Color
Hex	AB84B4
RGB	171, 132, 180
RGB Percent	67%, 52%, 71%
CMY	0.3294, 0.4824, 0.2941
CMYK	0.05, 0.27, 0.00, 0.29
HSL	289°, 24%, 61%
HSV	289°, 27%, 71%
XYZ	33.2841, 28.4557, 46.9183
YIQ	149.1330, 7.8360, 23.1960

Conversions

Conversions Part 2

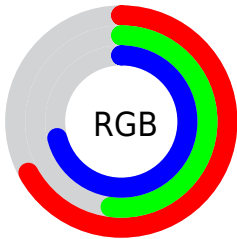
Format	Color
RYB	171, 132, 180
Decimal	11240628
CIELab	60.30, 23.56, -19.51
CIElCh	60, 30.588, 320.361
Yxy	28.4557, 0.3063, 0.2619
Android (android.graphics.Color)	4289430708 (0xFFAB84B4)
YUV	149.1330, 15.2174, 19.1774
Hunter-Lab	53.3439, 18.0236, -14.8073

Details

The Hex color **AB84B4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8DB484**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E3B9EC**, and **76527F** is the 20% darker color. If you saturate the color by 10%, you get **A872B4**, and if you desaturate by 10%, it is **AE96B4**.

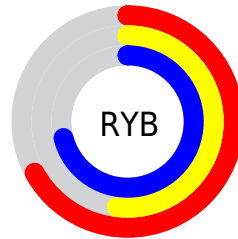
Distribution



Red (67%)

Green (52%)

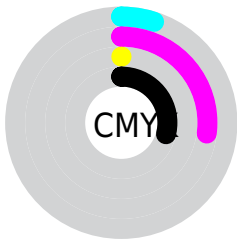
Blue (71%)



Red (67%)

Yellow (52%)

Blue (71%)

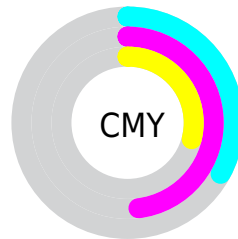


Cyan (5%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB84B4 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 AB84B4 by changing the saturation by 10% instead.

 AB84B4

 AB84B4

FFFFFF

 906B99

 E3B9EC

 76527F

 FFD5FF

 5D3A66

 FFF2FF

 45244E

 2E0E37

 1C0022

 000007

 000000

 AB84B4

 AB84B4

 A872B4

 AE96B4

 A460B4

 B2A8B4

 A14EB4

 B5BAB4

 9D3CB4

 B9CCB4

 9A2AB4

 BCDEB4

 9718B4

 BFF0B4

 9306B4

 C3FFB4

 9200B4

 C6FFB4

 C9FFB4

Harmonies

Analogous

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



888EC4



AB84B4



C07E9B

Triad

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



AB84B4



AC8D5C



34A0A3

Complementary

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



AB84B4



8DB484

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.



519F87



AB84B4



91955E

Square

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



AB84B4



BF8469



729C6E



389DBA

Rectangle

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



AB84B4



C67D89



729C6E



3CA09A

Sweetspot

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



AB84B4



E7D8EB



848EB4



736A75



F5F5F5



757575

Same Dimension

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



AB84B4



DDA0EB



B484A6



585059



7C0099



15001A

Inverse Universe

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



B4848D



EBA0AE



84B492



595052



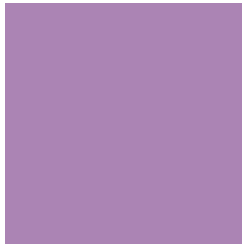
99001D



1A0005

Previews

White Background



This preview shows how the Hex color AB84B4 looks on a white background.

Color Contrast Check

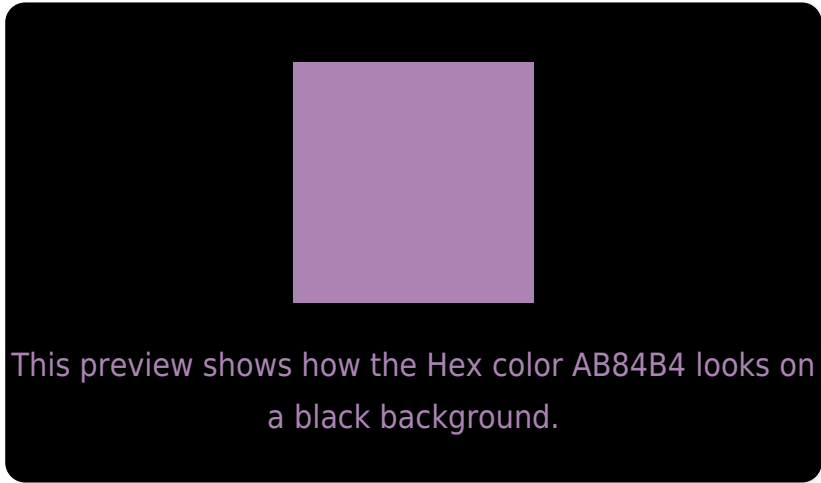
Large Text (above 18pt) WCAG AA ✓ Pass

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

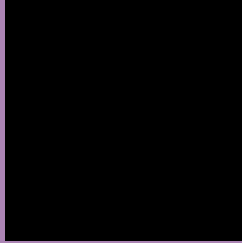
Any Text WCAG AA ✓ Pass

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 AB84B4 Background



This preview shows how black text looks on a background with the Hex color AB84B4.

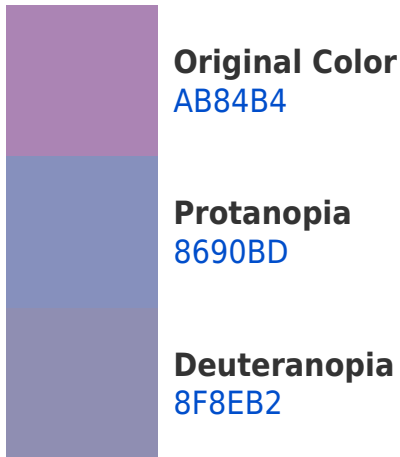



This preview shows how white text looks on a background with the Hex color AB84B4.

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
A68A95

Trichromacy



Original Color
AB84B4

Protanomaly
938CBA

Deuteranomaly
998AB3

Tritanomaly
A888A0

Monochromacy



Original Color
AB84B4

Achromatopsia
959595

Achromatomaly
9D8FA0

CSS Examples

Text

The CSS property to change the color of the text to Hex AB84B4 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 #AB84B4 looks like.

```
.text, #text, p{  
    color:#AB84B4  
}
```

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 #AB84B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB84B4
}
```

Border

The CSS property to change the border of an element to Hex AB84B4 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
#AB84B4 }
```

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

```
.border{ border-color:#AB84B4 }
```

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

Here you see how a box with a 4 pixel #AB84B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB84B4; -webkit-box-shadow:4px 4px  
4px 4px #AB84B4; box-shadow:4px 4px 4px  
4px #AB84B4 }
```

Background

The CSS property to change the background color of an element to Hex AB84B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB84B4 }
```

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

```
.background{ background-color:#AB84B4 }
```

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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