

Converting Colors

Hex(AB7BC8)

Have a look what the booklet for
Hex(AB7BC8) contains.

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Color

Hex(AB7BC8)

Conversions

Conversions Part 1

Format	Color
Hex	AB7BC8
RGB	171, 123, 200
RGB Percent	67%, 48%, 78%
CMY	0.3294, 0.5176, 0.2157
CMYK	0.15, 0.38, 0.00, 0.22
HSL	277°, 41%, 63%
HSV	277°, 38%, 78%
XYZ	34.3029, 26.9940, 58.0460
YIQ	146.1300, 3.8910, 34.1230

Conversions

Conversions Part 2

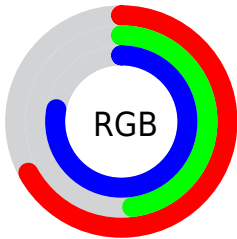
Format	Color
RYB	171, 123, 200
Decimal	11238344
CIELab	58.97, 32.85, -32.91
CIELCh	59, 46.498, 314.942
Yxy	26.9940, 0.2874, 0.2262
Android (android.graphics.Color)	4289428424 (0xFFAB7BC8)
YUV	146.1300, 26.5579, 21.8110
Hunter-Lab	51.9557, 26.9290, -29.8710

Details

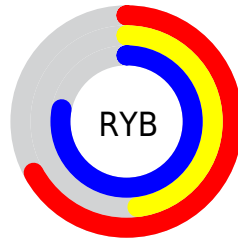
The Hex color **AB7BC8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **98C87B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E3B0FF**, and **754992** is the 20% darker color. If you saturate the color by 10%, you get **A367C8**, and if you desaturate by 10%, it is **B38FC8**.

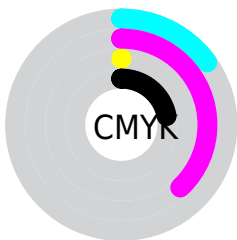
Distribution



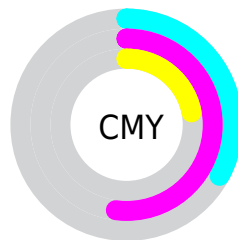
- Red (67%)
- Green (48%)
- Blue (78%)



- Red (67%)
- Yellow (48%)
- Blue (78%)



- Cyan (15%)
- Magenta (38%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB7BC8 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 AB7BC8 by changing the saturation by 10% instead.

 AB7BC8

 AB7BC8

FFFFFF

 9062AC

 E3B0FF

 754992

 FFCCFF

 5C3178

 FFE8FF

 431A5F

 2A0347

 170030

 00011A

 000000

 AB7BC8

 AB7BC8

 A367C8

 B38FC8

 9C53C8

 BAA3C8

 943FC8

 C2B7C8

 8D2BC8

 C9CBC8

 8517C8

 D1DFC8

 7E03C8

 D8F3C8

 7D00C8

 E0FFC8

 E7FFC8

 EFFFC8

Harmonies

Analogous

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



6D8BDD



AB7BC8



CF6EA4

Triad

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



AB7BC8



B7843D



00A2A2

Complementary

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



AB7BC8



98C87B

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.



13A177



AB7BC8



92923B

Square

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



AB7BC8



D17556



649C52



00A0C7

Rectangle

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



AB7BC8



D96B89



649C52



00A294

Sweetspot

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



AB7BC8



F3E0FF



7B99C8



796E80



000000



808080

Same Dimension

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



AB7BC8



D38AFF



C87BBF



605A63



6600A3



160024

Inverse Universe

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



C87B98



FF8AB6



7BC884



635A5D



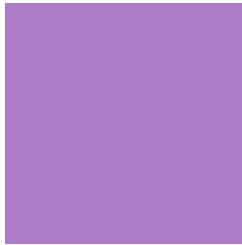
A3003D



24000D

Previews

White Background



This preview shows how the Hex color AB7BC8 looks on a white background.

Color Contrast Check

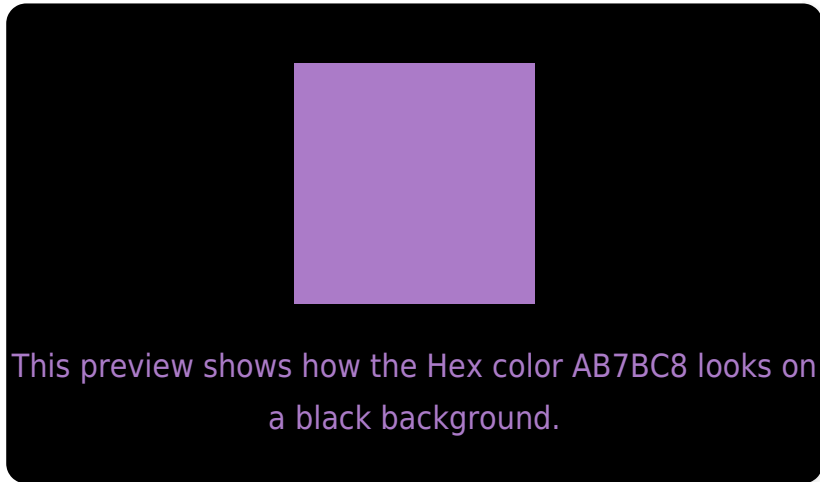
Large Text (above 18pt) WCAG AA ✓ Pass

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

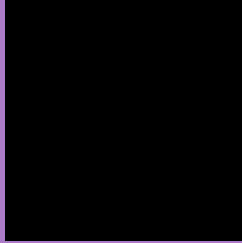
Any Text WCAG AA ✓ Pass

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 AB7BC8 Background



This preview shows how black text looks on a background with the Hex color AB7BC8.

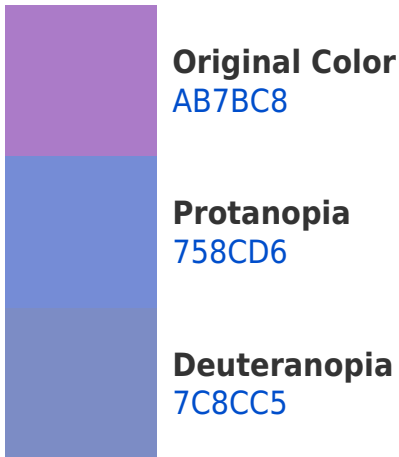


This preview shows how white text looks on a background with the Hex color AB7BC8.

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](#).

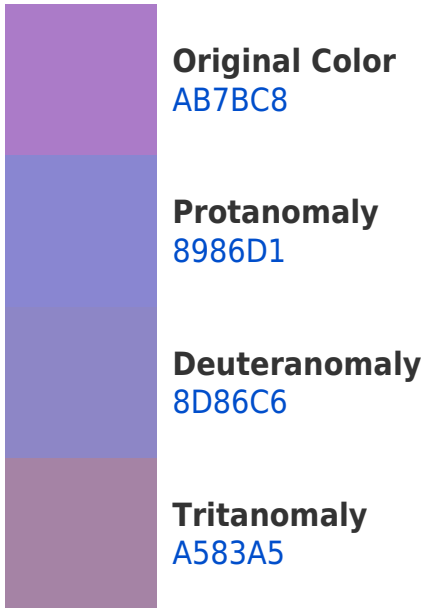
Dichromacy





Tritanopia
A28791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB7BC8 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 #AB7BC8 looks like.

```
.text, #text, p{  
    color:#AB7BC8  
}
```

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 #AB7BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7BC8  
}
```

Border

The CSS property to change the border of an element to Hex AB7BC8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

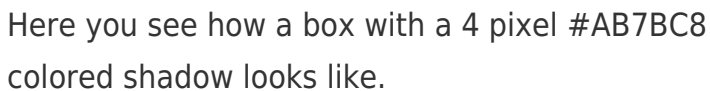
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AB7BC8 }
```

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

```
.border{ border-color:#AB7BC8 }
```

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



Here you see how a box with a 4 pixel `#AB7BC8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7BC8; -webkit-box-shadow:4px 4px  
4px 4px #AB7BC8; box-shadow:4px 4px 4px  
4px #AB7BC8 }
```

Background

The CSS property to change the background color of an element to Hex AB7BC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7BC8 }
```

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

```
.background{ background-color:#AB7BC8 }
```

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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