

# Converting Colors

Hex(AB7AEB)

Have a look what the booklet for  
Hex(AB7AEB) contains.

<b>Hex(AB7AEB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(AB7AEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB7AEB
RGB	171, 122, 235
RGB Percent	67%, 48%, 92%
CMY	0.3294, 0.5216, 0.0784
CMYK	0.27, 0.48, 0.00, 0.08
HSL	266°, 74%, 70%
HSV	266°, 48%, 92%
XYZ	38.7495, 28.5752, 82.0705
YIQ	149.5330, -7.0690, 45.5310

# Conversions

## Conversions Part 2

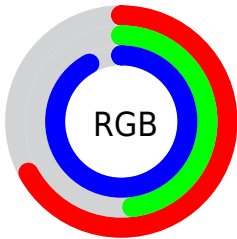
Format	Color
<a href="#">RYB</a>	<a href="#">171, 122, 235</a>
Decimal	<a href="#">11238123</a>
CIELab	<a href="#">60.40, 41.42, -50.28</a>
CIElCh	<a href="#">60, 65.143, 309.478</a>
Yxy	<a href="#">28.5752, 0.2594, 0.1913</a>
Android (android.graphics.Color)	<a href="#">4289428203 (0xFFAB7AEB)</a>
YUV	<a href="#">149.5330, 42.1352, 18.8266</a>
Hunter-Lab	<a href="#">53.4557, 35.8453, -53.6088</a>

# Details

The Hex color **AB7AEB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BAEB7A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E5AFFE**, and **7348B3** is the 20% darker color. If you saturate the color by 10%, you get **9E62EB**, and if you desaturate by 10%, it is **B892EB**.

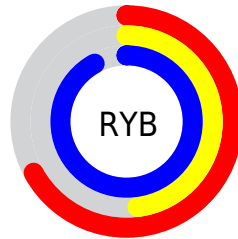
# Distribution



Red (67%)

Green (48%)

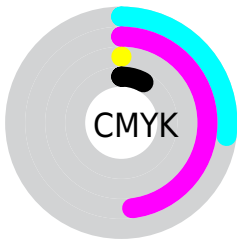
Blue (92%)



Red (67%)

Yellow (48%)

Blue (92%)

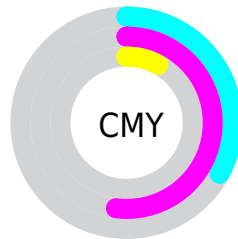


Cyan (27%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (33%)

Magenta (52%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB7AEB 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 AB7AEB by changing the saturation by 10% instead.



 AB7AEB

 AB7AEB

FFFFFF

 8F60CE

 E5AFFF

 7348B3

 FFCBFF

 582F97

 FFE8FF

 3D177D

 200063

 04004B

 000433

 00021D

 000000

 AB7AEB

 AB7AEB

 9E62EB

 B892EB

 904BEB

 C6A9EB

 8334EB

 D3C1EB

 761CEB

 E0D8EB

 6804EB

 EEF0EB

 6600EB

 FBFFEB

 FFFFEB

# Harmonies

## Analogous

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



2592FF



AB7AEB



E461BB

# Triad

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



AB7AEB



CD801B



00ACA3

# Complementary

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



AB7AEB



BAEB7A

# 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.



00AA67



AB7AEB



9D9500

# Square

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



AB7AEB



EE684B



5EA230



00ABDA

# Rectangle

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



AB7AEB



F55895



5EA230



00AC8F



# Sweetspot

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



AB7AEB



EBDBFF



7ABAEB



736A80



000000



808080



# Same Dimension

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



AB7AEB



AB6BFF



E37AEB



6F6A75



4F00B5



170036



# Inverse Universe

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



EB7ABA



FF6BBF



82EB7A



756A70



B50067

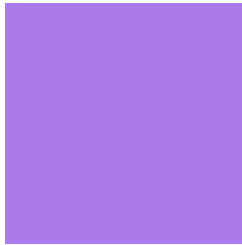


36001E



# Previews

## White Background



This preview shows how the Hex color AB7AEB looks on a white background.

## Color Contrast Check

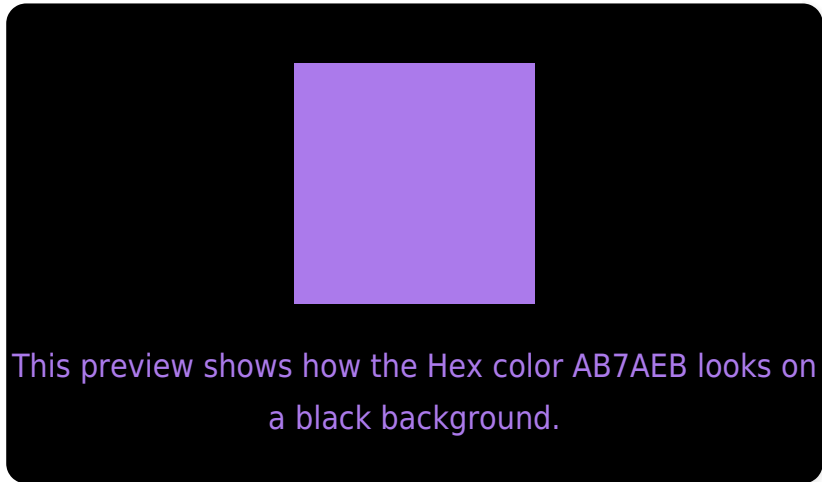
Large Text (above 18pt) WCAG AA ✓ Pass

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

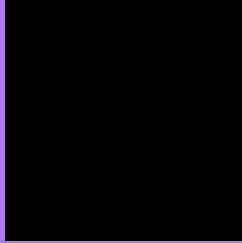
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB7AEB Background



This preview shows how black text looks on a background with the Hex color AB7AEB.

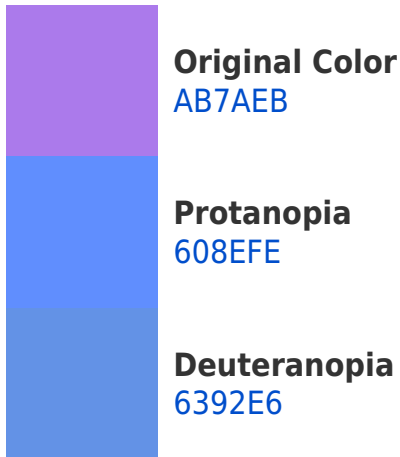



This preview shows how white text looks on a background with the Hex color AB7AEB.

# 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**  
9C8D99

# Trichromacy



**Original Color**  
AB7AEB



**Protanomaly**  
7B87F7



**Deuteranomaly**  
7D89E8



**Tritanomaly**  
A186B7

# Monochromacy



**Original Color**  
AB7AEB



**Achromatopsia**  
969696



**Achromatomaly**  
9E8CB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB7AEB 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 #AB7AEB looks like.

```
.text, #text, p{  
  color:#AB7AEB  
}
```

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 #AB7AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7AEB
}
```

## Border

The CSS property to change the border of an element to Hex AB7AEB 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
#AB7AEB }
```

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

```
.border{ border-color:#AB7AEB }
```

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

Here you see how a box with a 4 pixel #AB7AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7AEB; -webkit-box-shadow:4px 4px  
4px 4px #AB7AEB; box-shadow:4px 4px 4px  
4px #AB7AEB }
```

# Background

The CSS property to change the background color of an element to Hex AB7AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7AEB }
```

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

```
.background{ background-color:#AB7AEB }
```

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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