

# Converting Colors

Hex(AB67A3)

Have a look what the booklet for  
Hex(AB67A3) contains.

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# Color

**Hex(AB67A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB67A3
RGB	171, 103, 163
RGB Percent	67%, 40%, 64%
CMY	0.3294, 0.5961, 0.3608
CMYK	0.00, 0.40, 0.05, 0.33
HSL	307°, 29%, 54%
HSV	307°, 40%, 67%
XYZ	28.2557, 21.0028, 37.2150
YIQ	130.1720, 21.2680, 33.0760

# Conversions

## Conversions Part 2

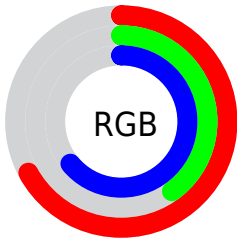
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 103, 163
Decimal	11233187
CIE <sub>Lab</sub>	52.95, 36.49, -20.95
CIE <sub>LCh</sub>	53, 42.080, 330.139
Yxy	21.0028, 0.3268, 0.2429
Android (android.graphics.Color)	4289423267 (0xFFAB67A3)
YUV	130.1720, 16.1842, 35.8062
Hunter-Lab	45.8288, 29.8537, -16.0660

# Details

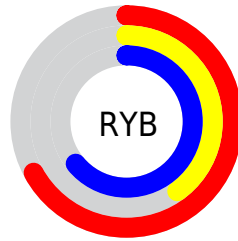
The Hex color **AB67A3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67AB6F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E39CDA**, and **75356F** is the 20% darker color. If you saturate the color by 10%, you get **AB56A1**, and if you desaturate by 10%, it is **AB78A5**.

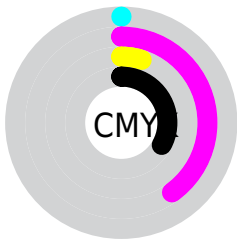
# Distribution



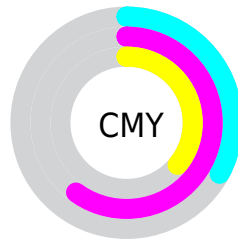
- Red (67%)
- Green (40%)
- Blue (64%)



- Red (67%)
- Yellow (40%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB67A3 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 AB67A3 by changing the saturation by 10% instead.



 AB67A3

 AB67A3

FFFFFF

 904E89

 E39CDA

 75356F

 FFB7F7

 5B1D57

 FFD3FF

 43013F

 FFF0FF

 2C0029

 060013

 000000

 AB67A3

 AB67A3

 AB56A1

 AB78A5

 AB459F

 AB89A7

 AB349D

 AB9AA9

 AB239B

 ABABAB

 AB1199

 ABBCAD

 AB0097

 ABCEAF

 ABDFB1

 ABF0B3

 ABFFB5

# Harmonies

## Analogous

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



8175BD



AB67A3



C05F80

# Triad

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



AB67A3



937C33



0090A2

# Complementary

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



AB67A3



67AB6F

# 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.



00917D



AB67A3



6F873D

# Square

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



AB67A3



B06F40



3F8E59



008BBC

# Rectangle

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



AB67A3



C26167



3F8E59



009196



# Sweetspot

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



AB67A3



DEC3DB



6F67AB



70606E



F0F0F0



707070



# Same Dimension

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



AB67A3



DE73D1



AB6781



574E56



960085



170014



# Inverse Universe

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



AB67A3



DE73D1



67AB91



574E56



960085

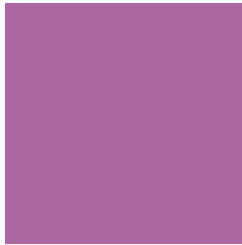


170014



# Previews

## White Background



This preview shows how the Hex color AB67A3 looks on a white background.

## Color Contrast Check

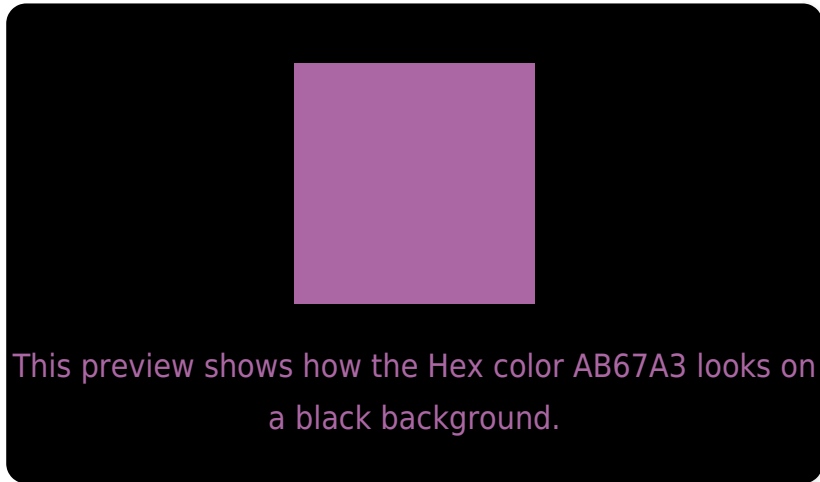
Large Text (above 18pt) WCAG AA ✓ Pass

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

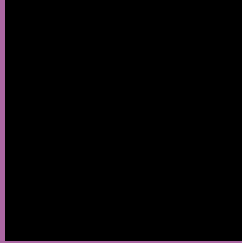
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB67A3 Background



This preview shows how black text looks on a background with the Hex color AB67A3.

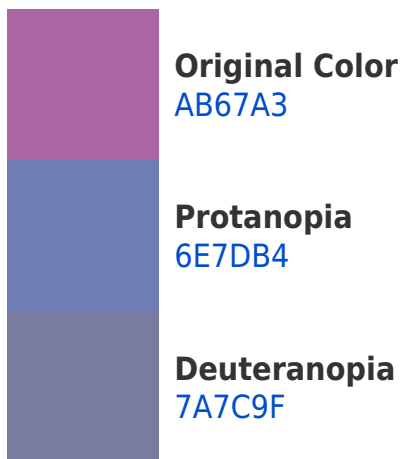


This preview shows how white text looks on a background with the Hex color AB67A3.

# 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](#).

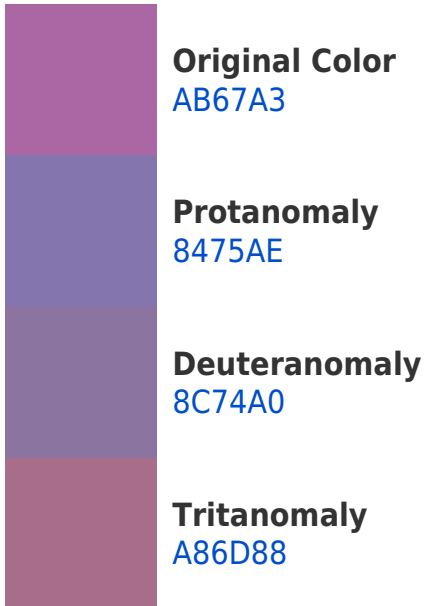
## Dichromacy



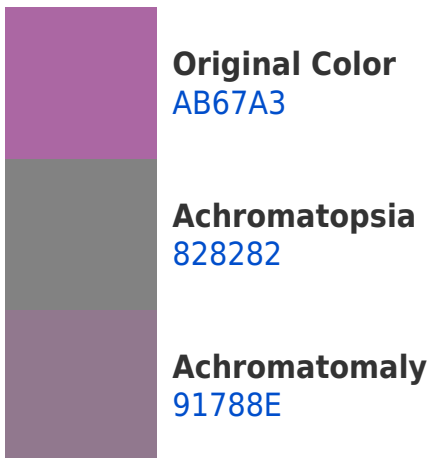


**Tritanopia**  
A67078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB67A3 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 #AB67A3 looks like.

```
.text, #text, p{  
    color:#AB67A3  
}
```

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 #AB67A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB67A3
}
```

## Border

The CSS property to change the border of an element to Hex AB67A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

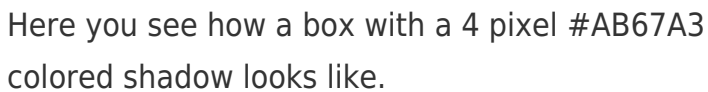
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB67A3 }
```

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

```
.border{ border-color:#AB67A3 }
```

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



Here you see how a box with a 4 pixel #AB67A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB67A3; -webkit-box-shadow:4px 4px  
4px 4px #AB67A3; box-shadow:4px 4px 4px  
4px #AB67A3 }
```

# Background

The CSS property to change the background color of an element to Hex AB67A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB67A3 }
```

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

```
.background{ background-color:#AB67A3 }
```

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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