

# Converting Colors

Hex(A067BE)

Have a look what the booklet for  
Hex(A067BE) contains.

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# Color

**Hex(A067BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A067BE
RGB	160, 103, 190
RGB Percent	63%, 40%, 75%
CMY	0.3725, 0.5961, 0.2549
CMYK	0.16, 0.46, 0.00, 0.25
HSL	279°, 40%, 57%
HSV	279°, 46%, 75%
XYZ	28.6417, 20.8918, 51.2381
YIQ	129.9610, 6.0450, 39.1410

# Conversions

## Conversions Part 2

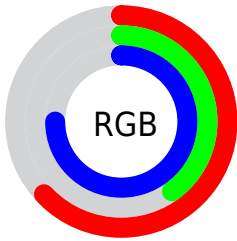
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">160, 103, 190</a>
Decimal	<a href="#">10512318</a>
CIELab	<a href="#">52.83, 38.53, -36.89</a>
CIELCh	<a href="#">53, 53.343, 316.246</a>
Yxy	<a href="#">20.8918, 0.2842, 0.2073</a>
Android (android.graphics.Color)	<a href="#">4288702398</a> ( <a href="#">0xFFA067BE</a> )
YUV	<a href="#">129.9610, 29.5992, 26.3442</a>
Hunter-Lab	<a href="#">45.7075, 31.8653, -34.4688</a>

# Details

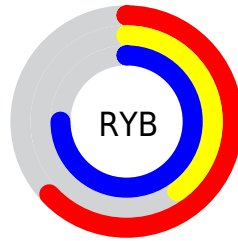
The Hex color **A067BE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **85BE67**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D89BF7**, and **6A3588** is the 20% darker color. If you saturate the color by 10%, you get **9954BE**, and if you desaturate by 10%, it is **A77ABE**.

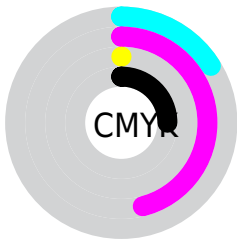
# Distribution



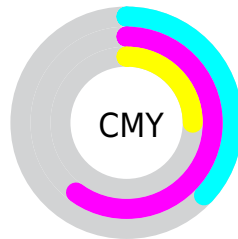
- Red (63%)
- Green (40%)
- Blue (75%)



- Red (63%)
- Yellow (40%)
- Blue (75%)



- Cyan (16%)
- Magenta (46%)
- Yellow (0%)
- Black (25%)



- Cyan (37%)
- Magenta (60%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A067BE 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 A067BE by changing the saturation by 10% instead.



 A067BE

 A067BE


FFFFFF

 854EA3

 D89BF7

 6A3588

 F5B7FF

 511D6E

 FFD3FF

 370256

 FFEFFF

 20003E

 000027

 000110

 000000

 A067BE

 A067BE

9954BE

A77ABE

9341BE

AD8DBE

8C2EBE

B4A0BE

861BBE

BAB3BE

7F08BE

C1C6BE

7C00BE

C7D9BE

CEECBE

D4FFBE

DBFFBE

# Harmonies

## Analogous

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



557BD6



A067BE



C75695

# Triad

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



A067BE



A7741E



009496

# Complementary

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



A067BE



85BE67

# 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.



009367



A067BE



7E831B

# Square

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



A067BE



C5623D



488D3B



0091BF

# Rectangle

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



A067BE



D15276



488D3B



009487



# Sweetspot

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



A067BE



EBD5F7



6785BE



76687D



FCFCFC



7D7D7D



# Same Dimension

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



A067BE



C86FF7



BE67B1



5B555E



68009E



14001F



# Inverse Universe

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



BE6785



F76F9E



67BE74



5E5558



9E0037

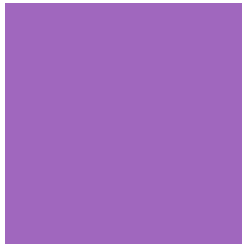


1F000B



# Previews

## White Background



This preview shows how the Hex color A067BE looks on a white background.

## Color Contrast Check

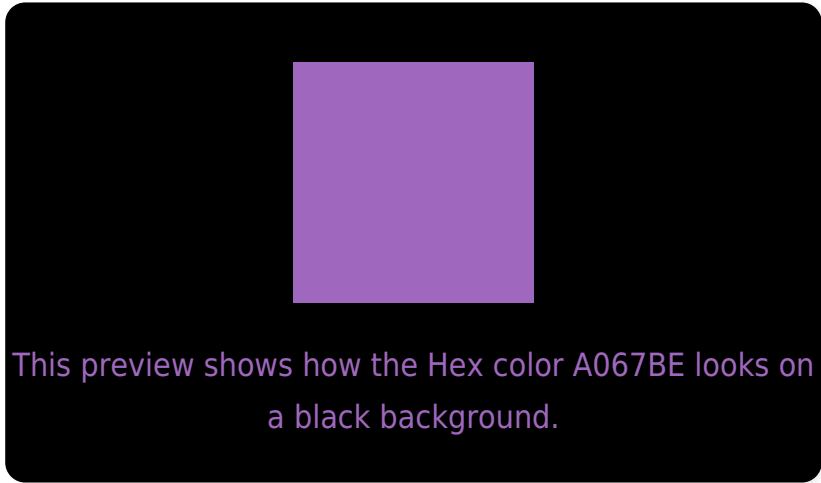
Large Text (above 18pt) WCAG AA ✓ Pass

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

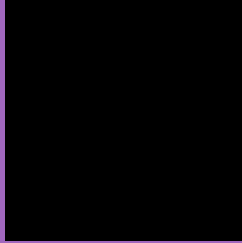
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A067BE Background



This preview shows how black text looks on a background with the Hex color A067BE.

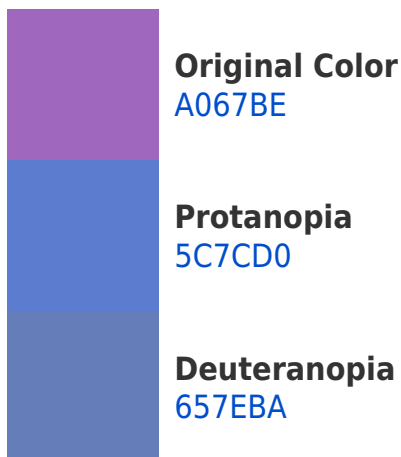



This preview shows how white text looks on a background with the Hex color A067BE.

# 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](#).

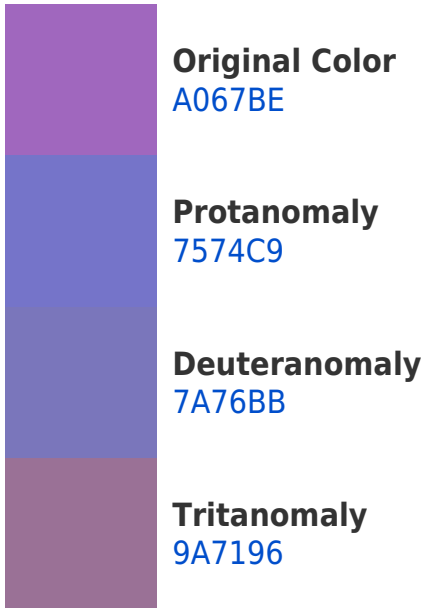
## Dichromacy



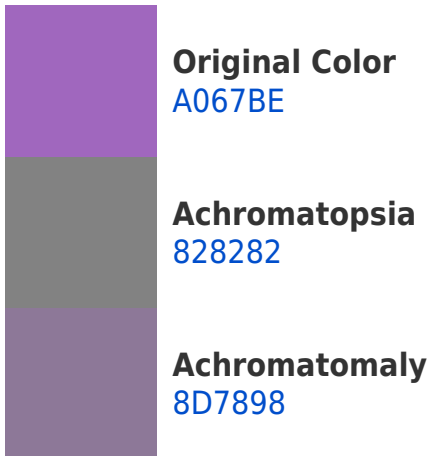


**Tritanopia**  
96767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A067BE 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 #A067BE looks like.

```
.text, #text, p{  
    color:#A067BE  
}
```

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 #A067BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A067BE
}
```

## Border

The CSS property to change the border of an element to Hex A067BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

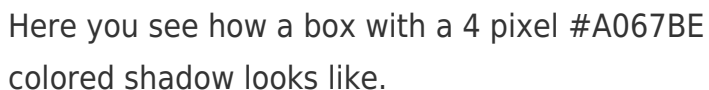
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A067BE }
```

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

```
.border{ border-color:#A067BE }
```

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



Here you see how a box with a 4 pixel #A067BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A067BE; -webkit-box-shadow:4px 4px  
4px 4px #A067BE; box-shadow:4px 4px 4px  
4px #A067BE }
```

# Background

The CSS property to change the background color of an element to Hex A067BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A067BE }
```

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

```
.background{ background-color:#A067BE }
```

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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