

# Converting Colors

Hex(A167A3)

Have a look what the booklet for  
Hex(A167A3) contains.

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# Color

**Hex(A167A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A167A3
RGB	161, 103, 163
RGB Percent	63%, 40%, 64%
CMY	0.3686, 0.5961, 0.3608
CMYK	0.01, 0.37, 0.00, 0.36
HSL	298°, 25%, 52%
HSV	298°, 37%, 64%
XYZ	26.1590, 19.9219, 37.1169
YIQ	127.1820, 15.3080, 30.9560

# Conversions

## Conversions Part 2

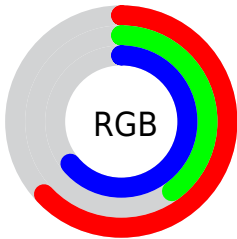
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 103, 163
Decimal	10577827
CIE <sub>Lab</sub>	51.75, 33.21, -22.90
CIE <sub>LCh</sub>	52, 40.346, 325.411
Yxy	19.9219, 0.3144, 0.2395
Android (android.graphics.Color)	4288767907 (0xFFA167A3)
YUV	127.1820, 17.6583, 29.6584
Hunter-Lab	44.6340, 26.5057, -18.0609

# Details

The Hex color **A167A3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **69A367**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D99BDA**, and **6C366F** is the 20% darker color. If you saturate the color by 10%, you get **A057A3**, and if you desaturate by 10%, it is **A277A3**.

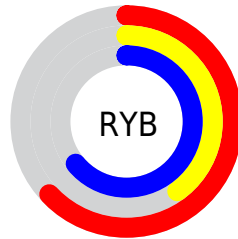
# Distribution



Red (63%)

Green (40%)

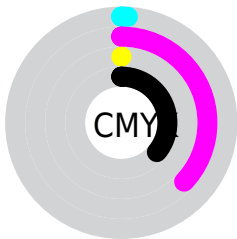
Blue (64%)



Red (63%)

Yellow (40%)

Blue (64%)

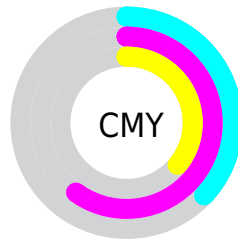


Cyan (1%)

Magenta (37%)

Yellow (0%)

Black (36%)



Cyan (37%)

Magenta (60%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A167A3 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 A167A3 by changing the saturation by 10% instead.



 A167A3

 A167A3

FFFFFF

 864E89

 D99BDA

 6C366F

 F6B6F7

 531E56

 FFD2FF

 3A053F

 FFEFFF

 260029

 000113

 000000

 A167A3

 A167A3

 A057A3

 A277A3

 A046A3

 A288A3

 9F36A3

 A398A3

 9F26A3

 A3A8A3

 9E16A3

 A4B9A3

 9E05A3

 A4C9A3

 9E00A3

 A5D9A3

 A5E9A3

 A6FAA3

# Harmonies

## Analogous

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



7574BA



A167A3



B85F82

# Triad

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



A167A3



947834



008D98

# Complementary

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



A167A3



69A367

# 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.



008D75



A167A3



72823A

# Square

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



A167A3



AE6B43



488953



0089B3

# Rectangle

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



A167A3



BC5F6B



488953



008D8D



# Sweetspot

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



A167A3



D3BCD4



6769A3



6B5D6B



EBEBEB



6B6B6B



# Same Dimension

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



A167A3



D177D4



A36787



514952



8D0091



110012



# Inverse Universe

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



A36769



D4777A



67A383



52494A



910005

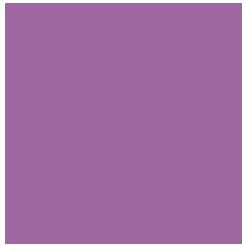


120001



# Previews

## White Background



This preview shows how the Hex color A167A3 looks on a white background.

## Color Contrast Check

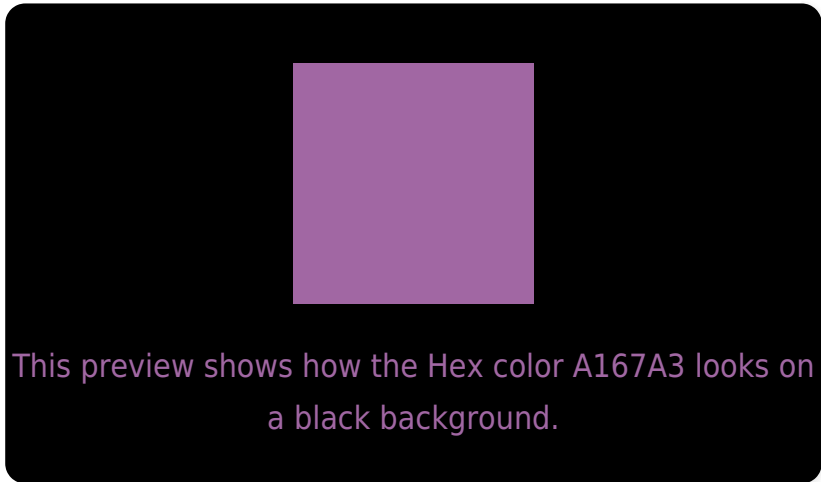
Large Text (above 18pt) WCAG AA ✓ Pass

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

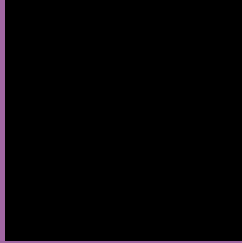
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A167A3 Background



This preview shows how black text looks on a background with the Hex color A167A3.

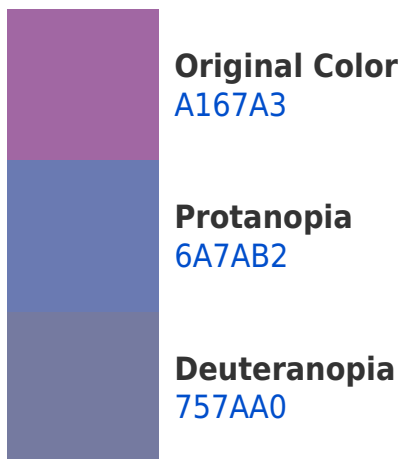


This preview shows how white text looks on a background with the Hex color A167A3.

# 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](#).

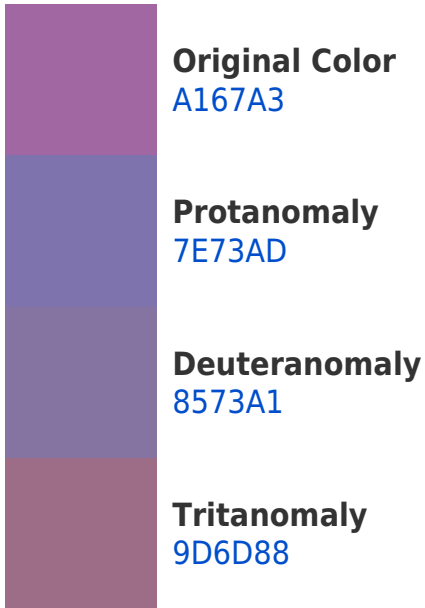
## Dichromacy



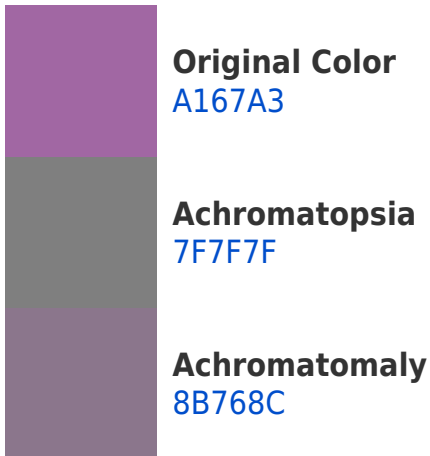


**Tritanopia**  
9B7078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A167A3 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 #A167A3 looks like.

```
.text, #text, p{  
    color:#A167A3  
}
```

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 #A167A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A167A3
}
```

## Border

The CSS property to change the border of an element to Hex A167A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

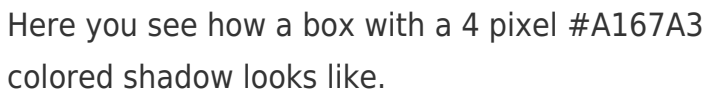
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A167A3 }
```

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

```
.border{ border-color:#A167A3 }
```

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



Here you see how a box with a 4 pixel #A167A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A167A3; -webkit-box-shadow:4px 4px  
4px 4px #A167A3; box-shadow:4px 4px 4px  
4px #A167A3 }
```

# Background

The CSS property to change the background color of an element to Hex A167A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A167A3 }
```

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

```
.background{ background-color:#A167A3 }
```

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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