

# Converting Colors

Hex(A167A8)

Have a look what the booklet for  
Hex(A167A8) contains.

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# Color

**Hex(A167A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A167A8
RGB	161, 103, 168
RGB Percent	63%, 40%, 66%
CMY	0.3686, 0.5961, 0.3412
CMYK	0.04, 0.39, 0.00, 0.34
HSL	294°, 27%, 53%
HSV	294°, 39%, 66%
XYZ	26.6161, 20.1047, 39.5236
YIQ	127.7520, 13.7030, 32.5110

# Conversions

## Conversions Part 2

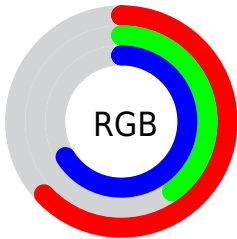
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 103, 168
Decimal	10577832
CIE <sub>Lab</sub>	51.96, 34.21, -25.50
CIE <sub>LCh</sub>	52, 42.669, 323.293
Yxy	20.1047, 0.3086, 0.2331
Android (android.graphics.Color)	4288767912 (0xFFA167A8)
YUV	127.7520, 19.8423, 29.1585
Hunter-Lab	44.8383, 27.4909, -20.8755

# Details

The Hex color **A167A8** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6EA867**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D99BDF**, and **6C3674** is the 20% darker color. If you saturate the color by 10%, you get **9F56A8**, and if you desaturate by 10%, it is **A378A8**.

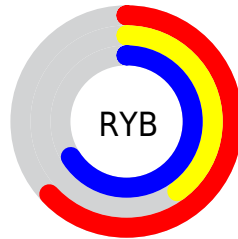
# Distribution



Red (63%)

Green (40%)

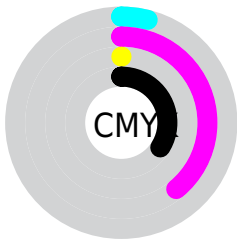
Blue (66%)



Red (63%)

Yellow (40%)

Blue (66%)

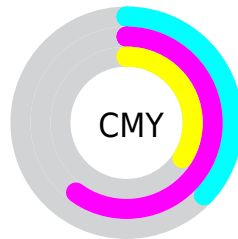


Cyan (4%)

Magenta (39%)

Yellow (0%)

Black (34%)



Cyan (37%)

Magenta (60%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A167A8 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 A167A8 by changing the saturation by 10% instead.



 A167A8

 A167A8

FFFFFF

 864E8D

 D99BDF

 6C3674

 F6B6FC

 531E5B

 FFD2FF

 3A0443

 FFEFFF

 25002D

 000117

 000000

 A167A8

 A167A8

 9F56A8

 A378A8

9D45A8

A589A8

9C35A8

A699A8

9A24A8

A8AAA8

9813A8

AABBA8

9602A8

ACCCA8

9600A8

AEDDA8

AFEDA8

B1FEA8

# Harmonies

## Analogous

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



7176BF



A167A8



BB5D86

# Triad

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



A167A8



987731



008E98

# Complementary

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



A167A8



6EA867

# 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.



008E72



A167A8



758235

# Square

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



A167A8



B26942



488A4E



008AB6

# Rectangle

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



A167A8



C05D6D



488A4E



008E8C



# Sweetspot

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



A167A8



D8C1DB



676FA8



6C5E6E



EDEDED



6E6E6E



# Same Dimension

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



A167A8



D076DB



A8678F



534C54



840094



120014



# Inverse Universe

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



A8676E



DB7681



67A880



544C4D



940010

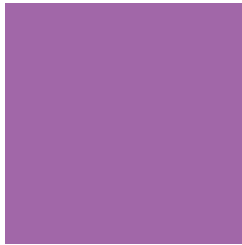


140002



# Previews

## White Background



This preview shows how the Hex color A167A8 looks on a white background.

## Color Contrast Check

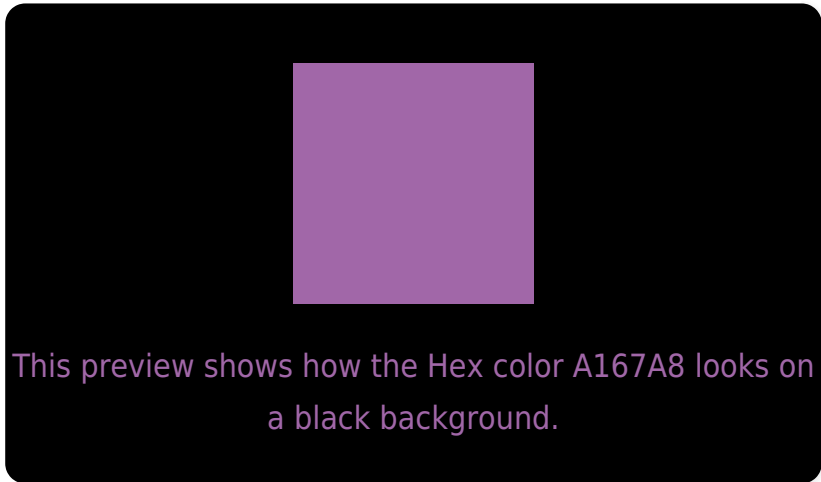
Large Text (above 18pt) WCAG AA ✓ Pass

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

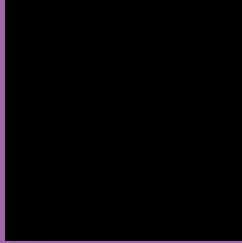
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A167A8 Background



This preview shows how black text looks on a background with the Hex color A167A8.

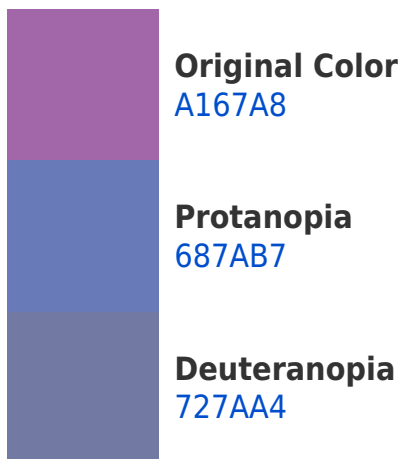


This preview shows how white text looks on a background with the Hex color A167A8.

# 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](#).

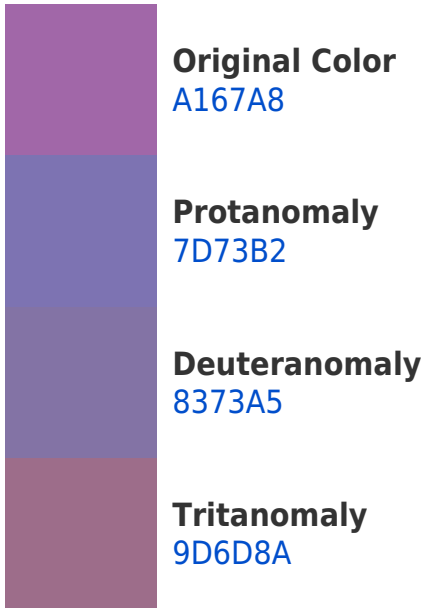
## Dichromacy



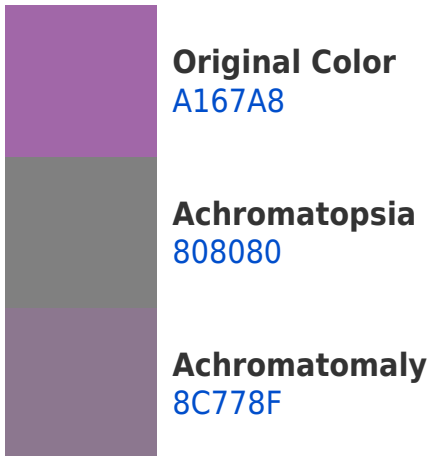


**Tritanopia**  
9B7179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A167A8 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 #A167A8 looks like.

```
.text, #text, p{  
    color:#A167A8  
}
```

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 #A167A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A167A8
}
```

## Border

The CSS property to change the border of an element to Hex A167A8 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
#A167A8 }
```

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

```
.border{ border-color:#A167A8 }
```

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

Here you see how a box with a 4 pixel #A167A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A167A8; -webkit-box-shadow:4px 4px  
4px 4px #A167A8; box-shadow:4px 4px 4px  
4px #A167A8 }
```

# Background

The CSS property to change the background color of an element to Hex A167A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A167A8 }
```

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

```
.background{ background-color:#A167A8 }
```

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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