

# Converting Colors

Hex(A567A2)

Have a look what the booklet for  
Hex(A567A2) contains.

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# Color

**Hex(A567A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A567A2
RGB	165, 103, 162
RGB Percent	65%, 40%, 64%
CMY	0.3529, 0.5961, 0.3647
CMYK	0.00, 0.38, 0.02, 0.35
HSL	303°, 26%, 53%
HSV	303°, 38%, 65%
XYZ	26.8889, 20.3085, 36.6851
YIQ	128.2640, 18.0130, 31.4930

# Conversions

## Conversions Part 2

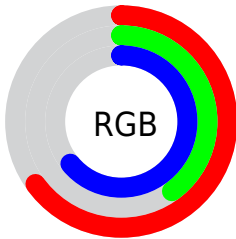
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	165, 103, 162
Decimal	10839970
CIE <sub>Lab</sub>	52.18, 34.34, -21.61
CIE <sub>LCh</sub>	52, 40.569, 327.815
Yxy	20.3085, 0.3206, 0.2421
Android (android.graphics.Color)	4289030050 (0xFFA567A2)
YUV	128.2640, 16.6318, 32.2175
Hunter-Lab	45.0649, 27.6420, -16.7197

# Details

The Hex color **A567A2** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67A56A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **DD9BD9**, and **70366E** is the 20% darker color. If you saturate the color by 10%, you get **A556A1**, and if you desaturate by 10%, it is **A577A3**.

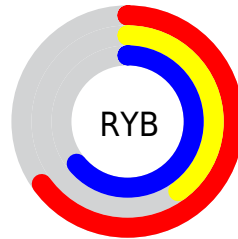
# Distribution



Red (65%)

Green (40%)

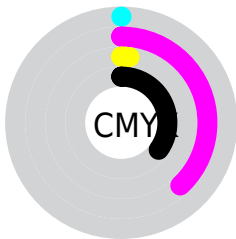
Blue (64%)



Red (65%)

Yellow (40%)

Blue (64%)

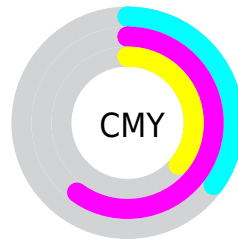


Cyan (0%)

Magenta (38%)

Yellow (2%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A567A2 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 A567A2 by changing the saturation by 10% instead.



 A567A2

 A567A2

FFFFFF

 8A4E88

 DD9BD9

 70366E

 FAB7F6

 561E56

 FFD3FF

 3E033E

 FFEFFF

 280028

 000012

 000000

 A567A2

 A567A2

 A556A1

 A577A3

 A546A0

 A588A4

 A535A0

 A598A4

 A5259F

 A5A9A5

 A5159E

 A5BAA6

 A5049D

 A5CAA7

 A5009D

 A5DAA8

 A5EBA8

 A5FBA9

# Harmonies

## Analogous

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



7B74BA



A567A2



BB5F80

# Triad

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



A567A2



937A35



008E9C

# Complementary

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



A567A2



67A56A

# 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.



008E79



A567A2



70843C

# Square

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



A567A2



AE6D42



458B56



0089B7

# Rectangle

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



A567A2



BE6069



458B56



008E91



# Sweetspot

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



A567A2



D6BFD5



6967A5



6B5D6A



EBEBEB



6B6B6B



# Same Dimension

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



A567A2



D676D2



A56784



524951



91008A



120011



# Inverse Universe

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



A567A2



D676D2



67A588



524951



91008A

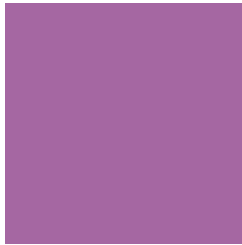


120011



# Previews

## White Background



This preview shows how the Hex color A567A2 looks on a white background.

## Color Contrast Check

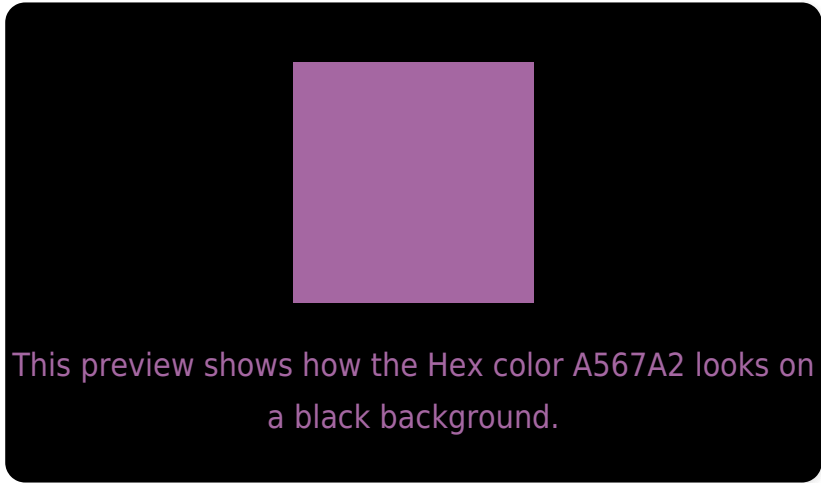
Large Text (above 18pt) WCAG AA ✓ Pass

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

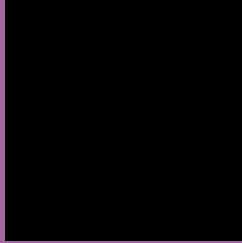
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A567A2 Background



This preview shows how black text looks on a background with the Hex color A567A2.

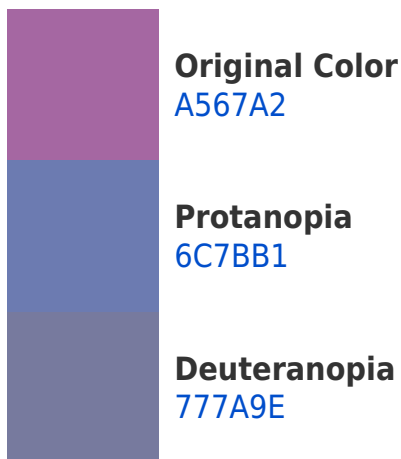


This preview shows how white text looks on a background with the Hex color A567A2.

# 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](#).

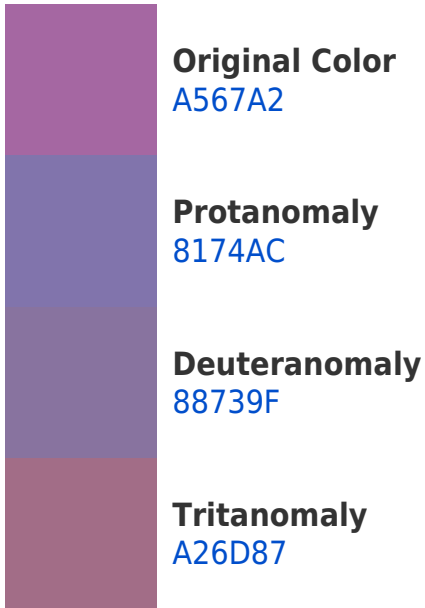
## Dichromacy





**Tritanopia**  
A07078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A567A2 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 #A567A2 looks like.

```
.text, #text, p{  
    color:#A567A2  
}
```

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 #A567A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A567A2
}
```

## Border

The CSS property to change the border of an element to Hex A567A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

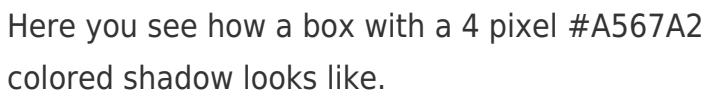
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A567A2 }
```

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

```
.border{ border-color:#A567A2 }
```

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



Here you see how a box with a 4 pixel #A567A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A567A2; -webkit-box-shadow:4px 4px  
4px 4px #A567A2; box-shadow:4px 4px 4px  
4px #A567A2 }
```

# Background

The CSS property to change the background color of an element to Hex A567A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A567A2 }
```

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

```
.background{ background-color:#A567A2 }
```

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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