

# Converting Colors

Hex(A057A9)

Have a look what the booklet for  
Hex(A057A9) contains.

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**Color**

**Hex(A057A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A057A9
RGB	160, 87, 169
RGB Percent	63%, 34%, 66%
CMY	0.3725, 0.6588, 0.3373
CMYK	0.05, 0.49, 0.00, 0.34
HSL	293°, 32%, 50%
HSV	293°, 49%, 66%
XYZ	25.0668, 17.1545, 39.5261
YIQ	118.1750, 17.1860, 40.9780

# Conversions

## Conversions Part 2

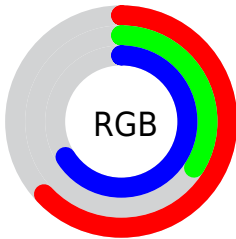
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 87, 169
Decimal	10508201
CIE <sub>Lab</sub>	48.45, 42.82, -31.54
CIE <sub>LCh</sub>	48, 53.188, 323.625
Yxy	17.1545, 0.3066, 0.2098
Android (android.graphics.Color)	4288698281 (0xFFA057A9)
YUV	118.1750, 25.0567, 36.6805
Hunter-Lab	41.4180, 35.5493, -27.5891

# Details

The Hex color **A057A9** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **60A957**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D88BE1**, and **6A2474** is the 20% darker color. If you saturate the color by 10%, you get **9E46A9**, and if you desaturate by 10%, it is **A268A9**.

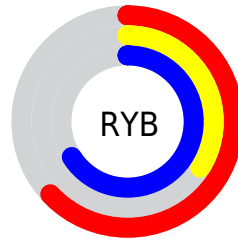
# Distribution



Red (63%)

Green (34%)

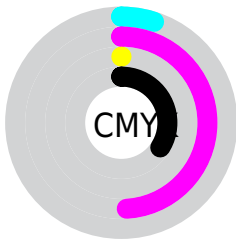
Blue (66%)



Red (63%)

Yellow (34%)

Blue (66%)

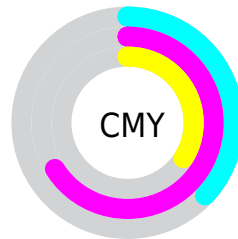


Cyan (5%)

Magenta (49%)

Yellow (0%)

Black (34%)



Cyan (37%)

Magenta (66%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A057A9 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 A057A9 by changing the saturation by 10% instead.



 A057A9

 A057A9

FFFFFF

 853E8E

 D88BE1

 6A2474

 F5A6FD

 51065C

 FFC2FF

 370044

 FFDEFF

 23002D

 FFFBFF

 000117

 000000

 A057A9

 A057A9

 9E46A9

 A268A9

9C35A9

A479A9

9A24A9

A68AA9

9913A9

A79BA9

9703A9

A9ABA9

9600A9

ABBCA9

ADCCA9

AFDEA9

B1EFA9

# Harmonies

## Analogous

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



616BC6



A057A9



BF487F

# Triad

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



A057A9



926E0A



008896

# Complementary

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



A057A9



60A957

# 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.



008868



A057A9



677B14

# Square

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



A057A9



B25B2A



29843A



0084BB

# Rectangle

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



A057A9



C44760



29843A



008887



# Sweetspot

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



A057A9



D8BADB



5761A9



6B5A6E



EDEDED



6E6E6E



# Same Dimension

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



A057A9



CD5CDB



A9578A



534C54



840094



120014



# Inverse Universe

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



A95760



DB5C6A



57A976



544C4D



940010

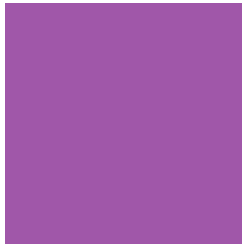


140002



# Previews

## White Background



This preview shows how the Hex color A057A9 looks on a white background.

## Color Contrast Check

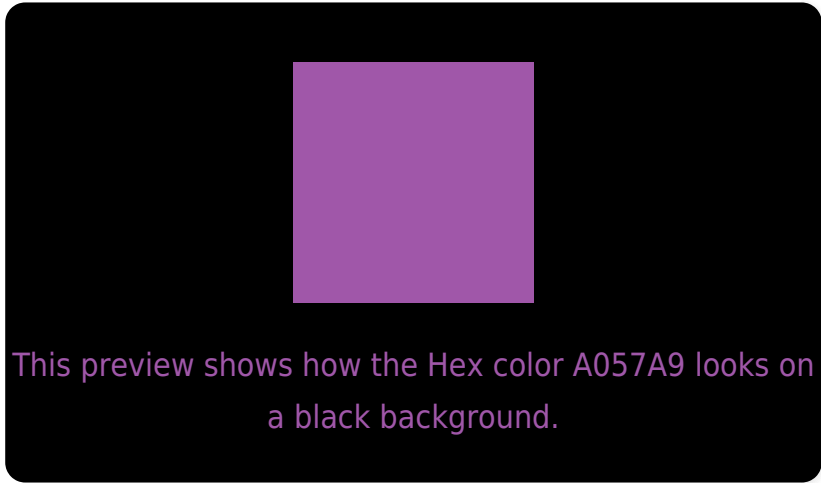
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

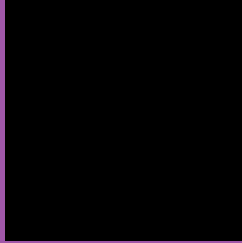
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A057A9 Background



This preview shows how black text looks on a background with the Hex color A057A9.

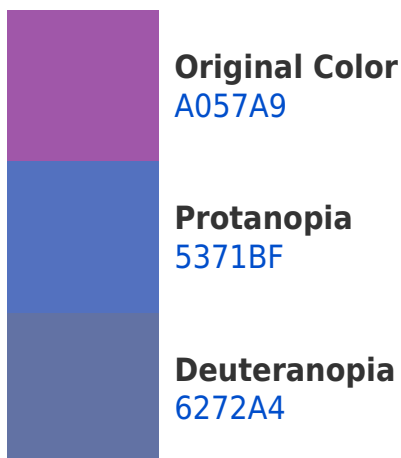



This preview shows how white text looks on a background with the Hex color A057A9.

# 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**  
98656D

# Trichromacy



**Original Color**  
A057A9



**Protanomaly**  
6F68B7



**Deuteranomaly**  
7968A6



**Tritanomaly**  
9B6083

# Monochromacy



**Original Color**  
A057A9



**Achromatopsia**  
767676



**Achromatomaly**  
856B89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A057A9 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 #A057A9 looks like.

```
.text, #text, p{  
    color:#A057A9  
}
```

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 #A057A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A057A9
}
```

## Border

The CSS property to change the border of an element to Hex A057A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

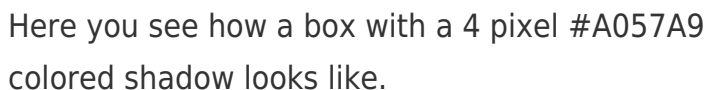
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A057A9 }
```

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

```
.border{ border-color:#A057A9 }
```

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



Here you see how a box with a 4 pixel #A057A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A057A9; -webkit-box-shadow:4px 4px  
4px 4px #A057A9; box-shadow:4px 4px 4px  
4px #A057A9 }
```

# Background

The CSS property to change the background color of an element to Hex A057A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A057A9 }
```

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

```
.background{ background-color:#A057A9 }
```

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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