

# Converting Colors

Hex(A72A9C)

Have a look what the booklet for  
Hex(A72A9C) contains.

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**Color**

**Hex(A72A9C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A72A9C
RGB	167, 42, 156
RGB Percent	65%, 16%, 61%
CMY	0.3451, 0.8353, 0.3882
CMYK	0.00, 0.75, 0.07, 0.35
HSL	305°, 60%, 41%
HSV	305°, 75%, 65%
XYZ	22.7651, 12.2717, 32.6213
YIQ	92.3710, 37.9060, 61.9540

# Conversions

## Conversions Part 2

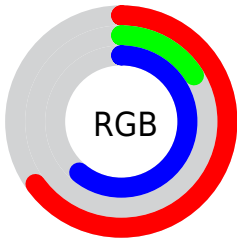
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">167, 42, 156</a>
Decimal	<a href="#">10955420</a>
CIELab	<a href="#">41.64, 62.04, -34.44</a>
CIElCh	<a href="#">42, 70.962, 330.966</a>
Yxy	<a href="#">12.2717, 0.3365, 0.1814</a>
Android (android.graphics.Color)	<a href="#">4289145500 (0xFFA72A9C)</a>
YUV	<a href="#">92.3710, 31.3691, 65.4496</a>
Hunter-Lab	<a href="#">35.0310, 54.6948, -30.6899</a>

# Details

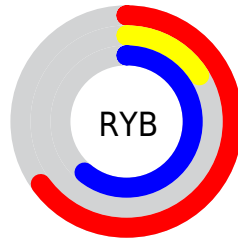
The Hex color **A72A9C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2AA735**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **E165D3**, and **6F0068** is the 20% darker color. If you saturate the color by 10%, you get **A7199B**, and if you desaturate by 10%, it is **A73B9D**.

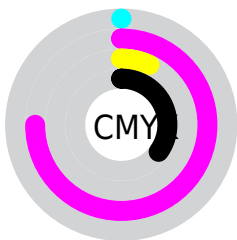
# Distribution



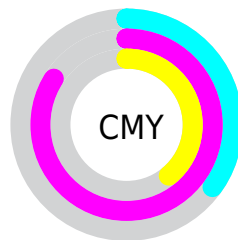
- Red (65%)
- Green (16%)
- Blue (61%)



- Red (65%)
- Yellow (16%)
- Blue (61%)



- Cyan (0%)
- Magenta (75%)
- Yellow (7%)
- Black (35%)



- Cyan (35%)
- Magenta (84%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A72A9C 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 A72A9C by changing the saturation by 10% instead.



 A72A9C

 A72A9C

FFFFFF

 8B0082

 E165D3

 6F0068

 FF81EF

 540050


 FF9DFF

 3B0038

 FFB9FF

 1E0022

 FFD6FF

 000007

 FFF4FF

 000000

 A72A9C

 A72A9C

 A7199B

 A73B9D

 A70999

 A74B9F

 A70098

 A75CA0

 A76DA2

 A77DA3

 A78EA5

 A79FA6

 A7B0A8

 A7C0A9

# Harmonies

## Analogous

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



5A51C8



A72A9C



C40063

# Triad

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



A72A9C



776100



007A9D

# Complementary

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



A72A9C



2AA735

# 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.



007A63



A72A9C



3A6F00

# Square

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



A72A9C



A34700



007723



0076C9

# Rectangle

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



A72A9C



C4093D



007723



007B8B



# Sweetspot

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



A72A9C



D9A9D5



342AA7



6E516B



EDEDED



6E6E6E



# Same Dimension

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



A72A9C



D916C8



A72A5E



544C53



940087



140013



# Inverse Universe

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



A72A9C



D916C8



2AA773



544C53



940087



140013



# Previews

## White Background



This preview shows how the Hex color A72A9C looks on a white background.

## Color Contrast Check

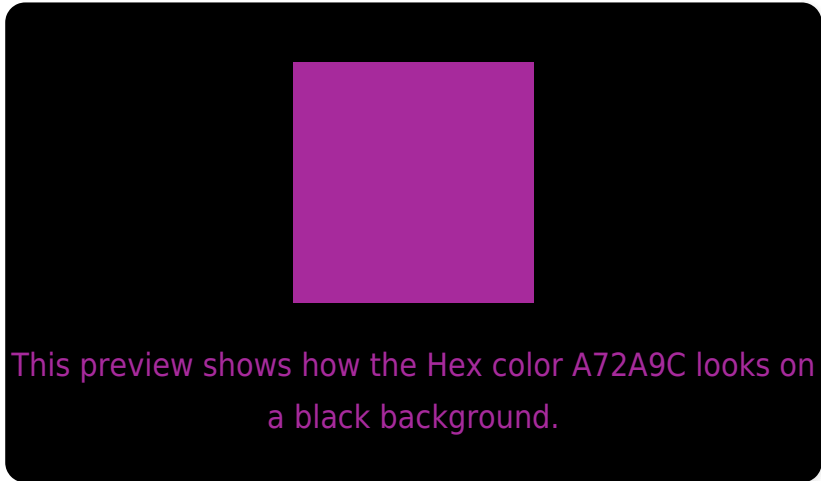
Large Text (above 18pt) WCAG AA ✓ Pass

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

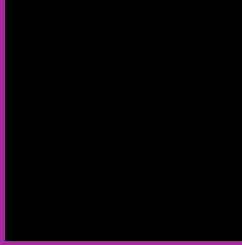
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A72A9C Background



This preview shows how black text looks on a background with the Hex color A72A9C.

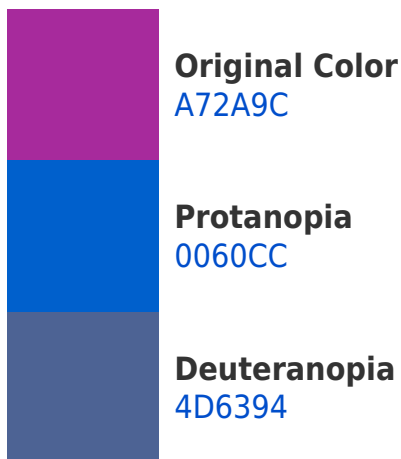


This preview shows how white text looks on a background with the Hex color A72A9C.

# 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**  
9F474B

# Trichromacy



**Original Color**  
A72A9C



**Protanomaly**  
3D4CBB



**Deuteranomaly**  
6E4E97



**Tritanomaly**  
A23C68

# Monochromacy



**Original Color**  
A72A9C



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
774A73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A72A9C 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 #A72A9C looks like.

```
.text, #text, p{  
    color:#A72A9C  
}
```

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 #A72A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A72A9C
}
```

## Border

The CSS property to change the border of an element to Hex A72A9C 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
#A72A9C }
```

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

```
.border{ border-color:#A72A9C }
```

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

Here you see how a box with a 4 pixel #A72A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A72A9C; -webkit-box-shadow:4px 4px  
4px 4px #A72A9C; box-shadow:4px 4px 4px  
4px #A72A9C }
```

# Background

The CSS property to change the background color of an element to Hex A72A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A72A9C }
```

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

```
.background{ background-color:#A72A9C }
```

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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