

# Converting Colors

Hex(A72EAA)

Have a look what the booklet for  
Hex(A72EAA) contains.

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# Color

**Hex(A72EAA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A72EAA
RGB	167, 46, 170
RGB Percent	65%, 18%, 67%
CMY	0.3451, 0.8196, 0.3333
CMYK	0.02, 0.73, 0.00, 0.33
HSL	299°, 57%, 42%
HSV	299°, 73%, 67%
XYZ	24.1690, 13.0718, 39.2795
YIQ	96.3150, 32.3120, 64.2160

# Conversions

## Conversions Part 2

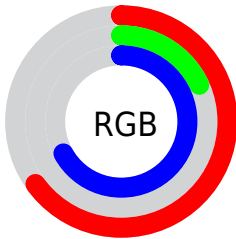
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	167, 46, 170
Decimal	10956458
CIE Lab	42.87, 63.01, -40.87
CIE LCh	43, 75.109, 327.032
Yxy	13.0718, 0.3159, 0.1708
Android (android.graphics.Color)	4289146538 (0xFFA72EAA)
YUV	96.3150, 36.3267, 61.9907
Hunter-Lab	36.1549, 56.0537, -39.1055

# Details

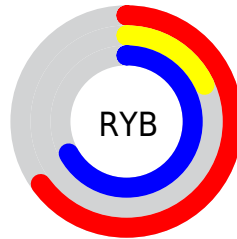
The Hex color **A72EAA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **31AA2E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **E168E2**, and **6F0075** is the 20% darker color. If you saturate the color by 10%, you get **A71DAA**, and if you desaturate by 10%, it is **A73FAA**.

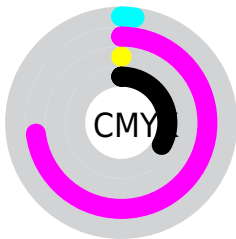
# Distribution



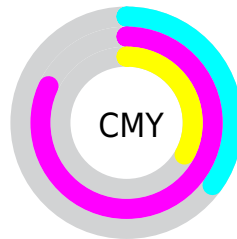
- Red (65%)
- Green (18%)
- Blue (67%)



- Red (65%)
- Yellow (18%)
- Blue (67%)



- Cyan (2%)
- Magenta (73%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (82%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A72EAA 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 A72EAA by changing the saturation by 10% instead.



 A72EAA

 A72EAA

FFFFFF

 8B018F

 E168E2

 6F0075

 FF84FF

 54005C


 FFA0FF

 3A0044

 FFBDFE

 1F002D

 FFDAFF

 000117

 FFF7FF

 000000

 A72EAA

 A72EAA

 A71DAA

 A73FAA

 A60CAA

 A850AA

 A600AA

 A861AA

 A972AA

 A983AA

 A994AA

 AAA5AA

 AAB6AA

 ABC7AA

# Harmonies

## Analogous

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



4757D6



A72EAA



CB006E

# Triad

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



A72EAA



816100



007F9D

# Complementary

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



A72EAA



31AA2E

# 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.



007E5D



A72EAA



447200

# Square

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



A72EAA



AE4400



007A17



007BCE

# Rectangle

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



A72EAA



CE0045



007A17



007F88



# Sweetspot

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



A72EAA



DDADDE



2E32AA



6F5370



F0F0F0



707070



# Same Dimension

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



A72EAA



D91BDE



AA2E70



544C54



900094



140014



# Inverse Universe

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



AA2E31



DE1B1F



2EAA68



544C4C



940004



140000



# Previews

## White Background



This preview shows how the Hex color A72EAA looks on a white background.

## Color Contrast Check

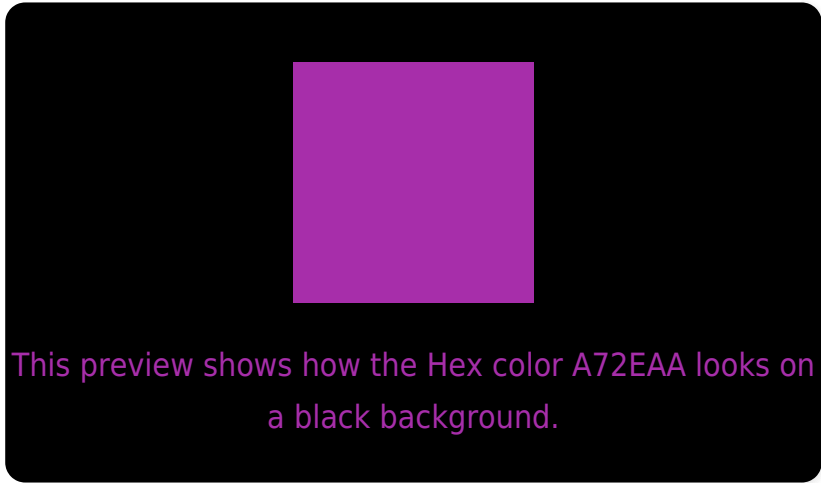
Large Text (above 18pt) WCAG AA ✓ Pass

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 A72EAA Background



This preview shows how black text looks on a background with the Hex color A72EAA.

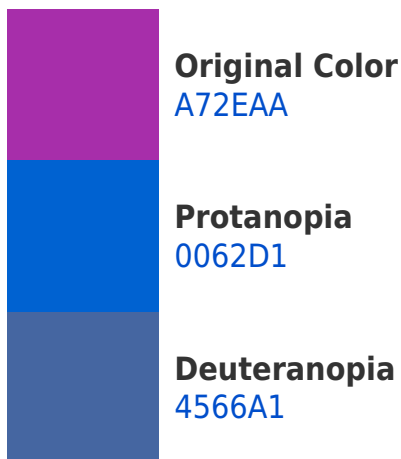


This preview shows how white text looks on a background with the Hex color A72EAA.

# 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](#).

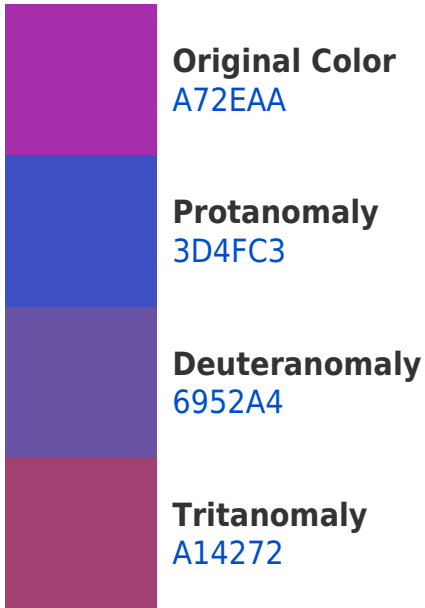
## Dichromacy



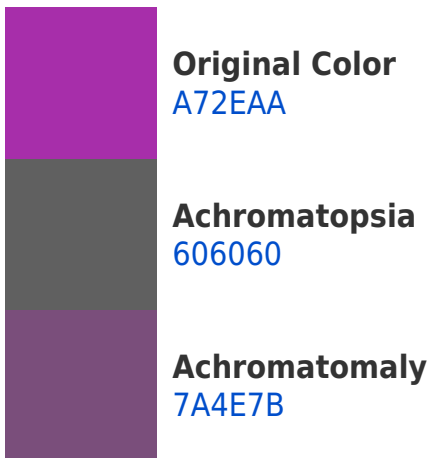


**Tritanopia**  
9D4D52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A72EAA 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 #A72EAA looks like.

```
.text, #text, p{  
    color:#A72EAA  
}
```

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 #A72EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A72EAA
}
```

## Border

The CSS property to change the border of an element to Hex A72EAA 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
#A72EAA }
```

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

```
.border{ border-color:#A72EAA }
```

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

Here you see how a box with a 4 pixel #A72EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A72EAA; -webkit-box-shadow:4px 4px  
4px 4px #A72EAA; box-shadow:4px 4px 4px  
4px #A72EAA }
```

# Background

The CSS property to change the background color of an element to Hex A72EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A72EAA }
```

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

```
.background{ background-color:#A72EAA }
```

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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