

# Converting Colors

Hex(AA72A2)

Have a look what the booklet for  
Hex(AA72A2) contains.

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# **Color**

**Hex(AA72A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA72A2
RGB	170, 114, 162
RGB Percent	67%, 45%, 64%
CMY	0.3333, 0.5529, 0.3647
CMYK	0.00, 0.33, 0.05, 0.33
HSL	309°, 25%, 56%
HSV	309°, 33%, 67%
XYZ	29.1165, 23.1893, 37.1238
YIQ	136.2160, 17.9680, 26.8000

# Conversions

## Conversions Part 2

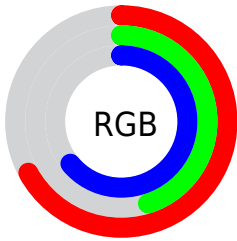
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 114, 162
Decimal	11170466
CIELab	55.27, 29.87, -16.85
CIELCh	55, 34.296, 330.579
Yxy	23.1893, 0.3256, 0.2593
Android (android.graphics.Color)	4289360546 (0xFFAA72A2)
YUV	136.2160, 12.7115, 29.6286
Hunter-Lab	48.1553, 23.6560, -11.9991

# Details

The Hex color **AA72A2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **72AA7A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E2A7D9**, and **75416E** is the 20% darker color. If you saturate the color by 10%, you get **AA61A0**, and if you desaturate by 10%, it is **AA83A4**.

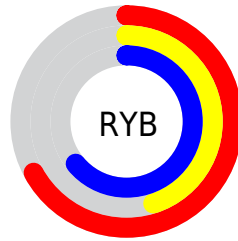
# Distribution



Red (67%)

Green (45%)

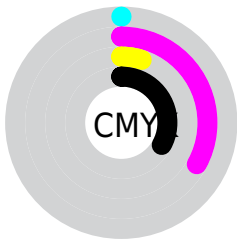
Blue (64%)



Red (67%)

Yellow (45%)

Blue (64%)

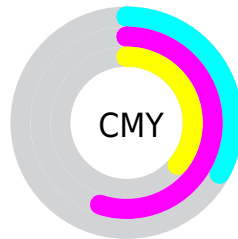


Cyan (0%)

Magenta (33%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (55%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA72A2 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 AA72A2 by changing the saturation by 10% instead.



■ AA72A2

■ AA72A2

FFFFFF

■ 8F5988

■ E2A7D9

■ 75416E

■ FFC2F5

■ 5B2956

■ FFDEFF

■ 43123E

■ FFFBFF

■ 2C0028

■ 0E0013

■ 000000

■ AA72A2

■ AA72A2

■ AA61A0

■ AA83A4

■ AA509D

■ AA94A7

■ AA3F9B

■ AAA5A9

■ AA2E98

■ AAB6AC

■ AA1D96

■ AAC7AE

■ AA0C93

■ AAD8B1

■ AA0092

■ AAE9B3

■ AAFAB5

■ AAFFB8

# Harmonies

## Analogous

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



887CB7



AA72A2



BB6D85

# Triad

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



AA72A2



978348



0093A2

# Complementary

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



AA72A2



72AA7A

# 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.



249484



AA72A2



788C50

# Square

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



AA72A2



AF7851



549166



0F8FB7

# Rectangle

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



AA72A2



BE6E71



549166



009498



# Sweetspot

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



AA72A2



DEC8DB



7972AA



70636E



F0F0F0



707070



# Same Dimension

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



AA72A2



DE85D1



AA7287



544C53



94007F



140011



# Inverse Universe

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



AA72A2



DE85D1



72AA95



544C53



94007F

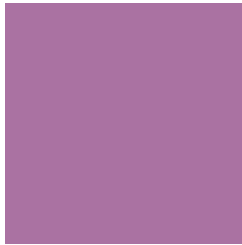


140011



# Previews

## White Background



This preview shows how the Hex color AA72A2 looks on a white background.

## Color Contrast Check

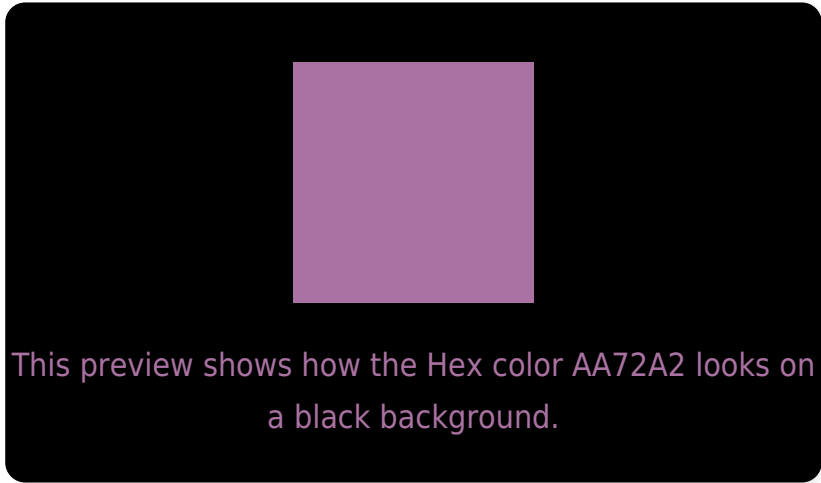
Large Text (above 18pt) WCAG AA ✓ Pass

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

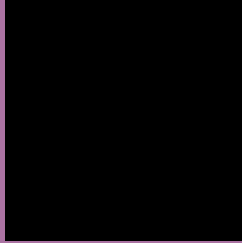
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA72A2 Background



This preview shows how black text looks on a background with the Hex color AA72A2.

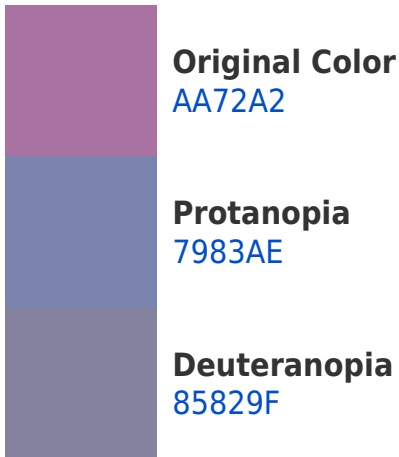


This preview shows how white text looks on a background with the Hex color AA72A2.

# 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](#).

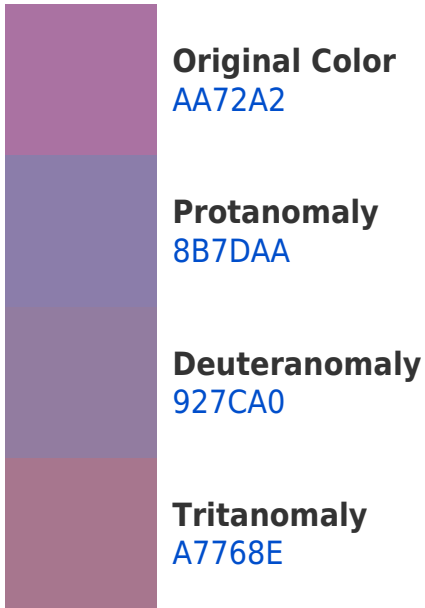
## Dichromacy



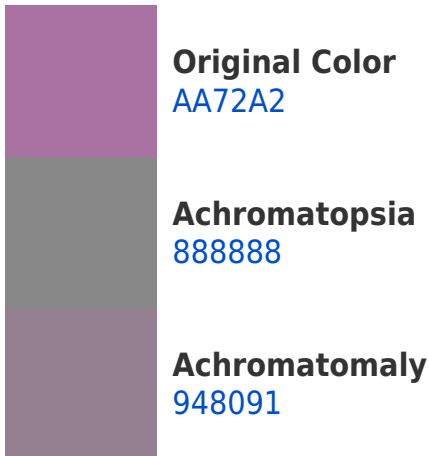


**Tritanopia**  
A67882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA72A2 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 #AA72A2 looks like.

```
.text, #text, p{  
    color:#AA72A2  
}
```

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 #AA72A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA72A2  
}
```

## Border

The CSS property to change the border of an element to Hex AA72A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

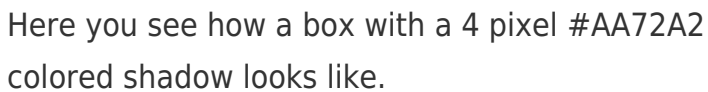
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA72A2 }
```

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

```
.border{ border-color:#AA72A2 }
```

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



Here you see how a box with a 4 pixel `#AA72A2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA72A2; -webkit-box-shadow:4px 4px  
4px 4px #AA72A2; box-shadow:4px 4px 4px  
4px #AA72A2 }
```

# Background

The CSS property to change the background color of an element to Hex AA72A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA72A2 }
```

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

```
.background{ background-color:#AA72A2 }
```

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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