

# Converting Colors

Hex(923AAA)

Have a look what the booklet for  
Hex(923AAA) contains.

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# Color

**Hex(923AAA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	923AAA
RGB	146, 58, 170
RGB Percent	57%, 23%, 67%
CMY	0.4275, 0.7725, 0.3333
CMYK	0.14, 0.66, 0.00, 0.33
HSL	287°, 49%, 45%
HSV	287°, 66%, 67%
XYZ	20.6228, 12.0394, 39.2671
YIQ	97.0800, 16.4960, 53.4880

# Conversions

## Conversions Part 2

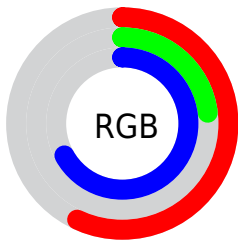
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	146, 58, 170
Decimal	9583274
CIE <sub>Lab</sub>	41.28, 53.56, -43.60
CIE <sub>LCh</sub>	41, 69.064, 320.851
Y <sub>xy</sub>	12.0394, 0.2867, 0.1674
Android (android.graphics.Color)	4287773354 (0xFF923AAA)
Y <sub>UV</sub>	97.0800, 35.9496, 42.9028
Hunter-Lab	34.6978, 45.3712, -42.8093

# Details

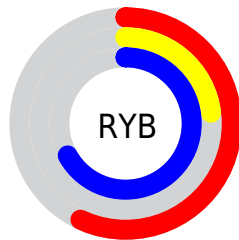
The Hex color **923AAA** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **52AA3A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CB6FE2**, and **5C0075** is the 20% darker color. If you saturate the color by 10%, you get **8E29AA**, and if you desaturate by 10%, it is **964BAA**.

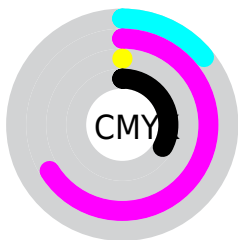
# Distribution



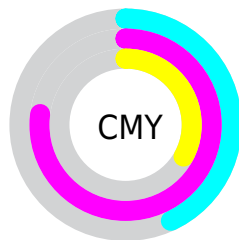
- Red (57%)
- Green (23%)
- Blue (67%)



- Red (57%)
- Yellow (23%)
- Blue (67%)



- Cyan (14%)
- Magenta (66%)
- Yellow (0%)
- Black (33%)



- Cyan (43%)
- Magenta (77%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 923AAA 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 923AAA by changing the saturation by 10% instead.



923AAA

923AAA

FFFFFF

771D8F

CB6FE2

5C0075

E88AFF

41005C

FFA6FF

2A0044

FFC2FF

02002C

FFDFFF

000117

FFFCFF

000000

923AAA

923AAA

8E29AA

964BAA

8B18AA

995CAA

8707AA

9D6DAA

8600AA

A17EAA

A48FAA

A8A0AA

ABB1AA

AFC2AA

B3D3AA

# Harmonies

## Analogous

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



1D5ACD



923AAA



BB0975

# Triad

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



923AAA



855900



007988

# Complementary

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



923AAA



52AA3A

# 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.



00784D



923AAA



526A00

# Square

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



923AAA



AC3C00



007409



0077B9

# Rectangle

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



923AAA



C20050



007409



007975



# Sweetspot

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



923AAA



D4B1DE



3A52AA



6A5570



F0F0F0



707070



# Same Dimension

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



923AAA



B82FDE



AA3A8A



524C54



740094



100014



# Inverse Universe

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



AA3A52



DE2F54



3AAA5A



544C4E



940020



140004



# Previews

## White Background



This preview shows how the Hex color 923AAA looks on a white background.

## Color Contrast Check

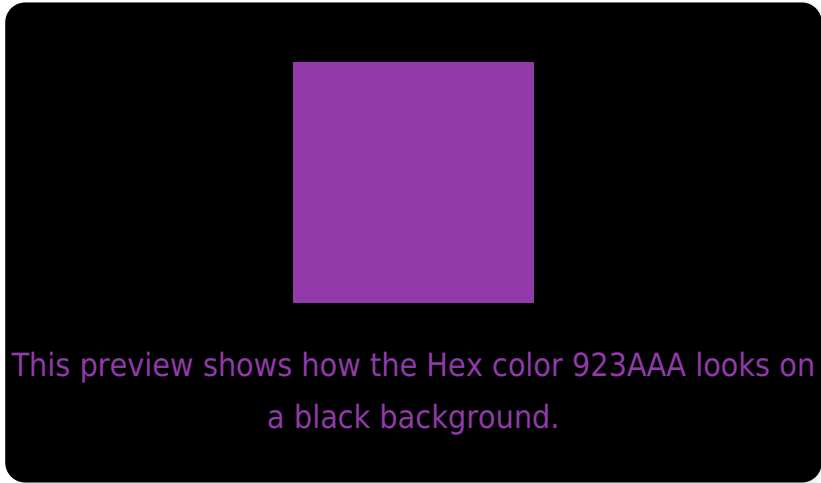
Large Text (above 18pt) WCAG AA ✓ Pass

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

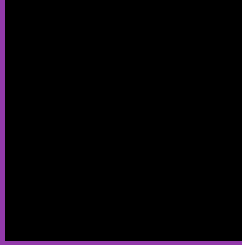
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 923AAA Background



This preview shows how black text looks on a background with the Hex color 923AAA.

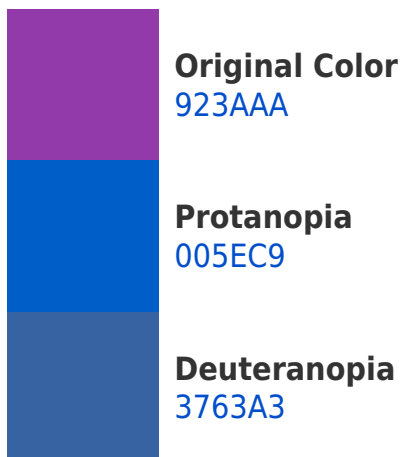


This preview shows how white text looks on a background with the Hex color 923AAA.

# 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](#).

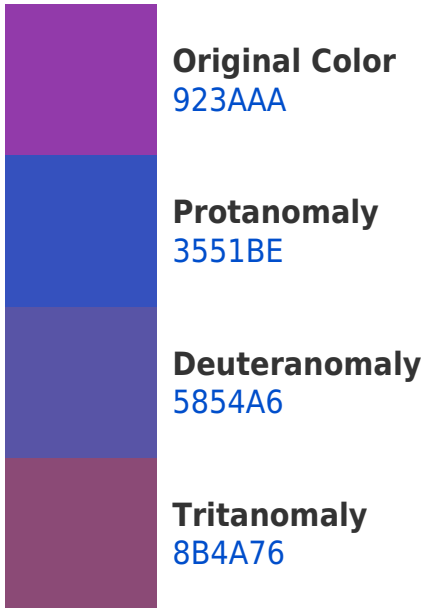
## Dichromacy



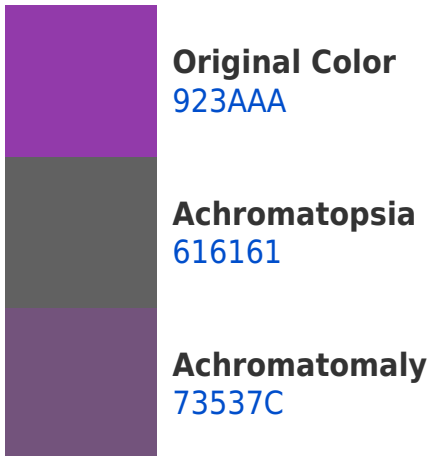


**Tritanopia**  
875359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 923AAA 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 #923AAA looks like.

```
.text, #text, p{  
    color:#923AAA  
}
```

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 #923AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #923AAA
}
```

## Border

The CSS property to change the border of an element to Hex 923AAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

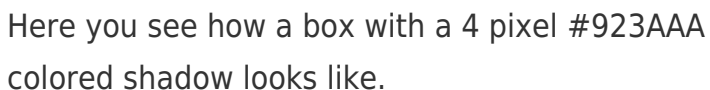
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#923AAA }
```

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

```
.border{ border-color:#923AAA }
```

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



Here you see how a box with a 4 pixel #923AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #923AAA; -webkit-box-shadow:4px 4px  
4px 4px #923AAA; box-shadow:4px 4px 4px  
4px #923AAA }
```

# Background

The CSS property to change the background color of an element to Hex 923AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#923AAA }
```

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

```
.background{ background-color:#923AAA }
```

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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