

Converting Colors

Hex(9C02A3)

Have a look what the booklet for
Hex(9C02A3) contains.

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Color

Hex(9C02A3)

Conversions

Conversions Part 1

Format	Color
Hex	9C02A3
RGB	156, 2, 163
RGB Percent	61%, 1%, 64%
CMY	0.3882, 0.9922, 0.3608
CMYK	0.04, 0.99, 0.00, 0.36
HSL	297°, 98%, 32%
HSV	297°, 99%, 64%
XYZ	20.3429, 9.7557, 35.4612
YIQ	66.4000, 40.1030, 82.7190

Conversions

Conversions Part 2

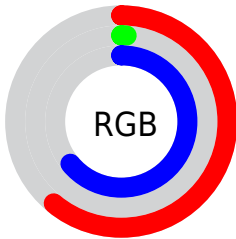
Format	Color
R_{YB}	156, 2, 163
Decimal	10224291
CIE _{Lab}	37.40, 68.91, -45.53
CIE _{LCh}	37, 82.596, 326.545
Yxy	9.7557, 0.3103, 0.1488
Android (android.graphics.Color)	4288414371 (0xFF9C02A3)
YUV	66.4000, 47.6238, 78.5792
Hunter-Lab	31.2341, 61.5980, -45.4502

Details

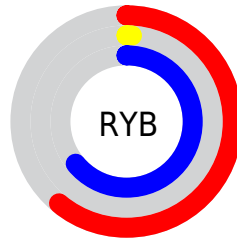
The Hex color **9C02A3** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **09A302**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **D651DB**, and **64006E** is the 20% darker color. If you saturate the color by 10%, you get **9C00A3**, and if you desaturate by 10%, it is **9D12A3**.

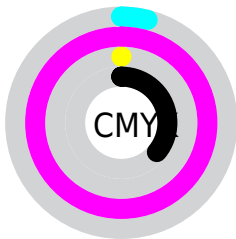
Distribution



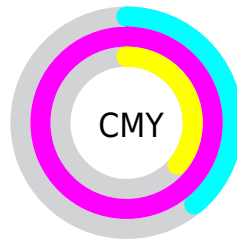
- Red (61%)
- Green (1%)
- Blue (64%)



- Red (61%)
- Yellow (1%)
- Blue (64%)



- Cyan (4%)
- Magenta (99%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (99%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C02A3 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 9C02A3 by changing the saturation by 10% instead.

 9C02A3

 9C02A3

FFFFFF

 800088

 D651DB

 64006E

 F46EF7

 480055

 FF8BFF

 2F003D

 FFA7FF

 080026

 FFC4FF

 00010F

 FFE2FF

 000000

 9C02A3

 9C02A3

 9C00A3

 9D12A3

 9D23A3

 9E33A3

 9F43A3

 A053A3

 A064A3

 A174A3

 A284A3

 A295A3

Harmonies

Analogous

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



184AD2



9C02A3



C20063

Triad

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



9C02A3



735300



007293

Complementary

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



9C02A3



09A302

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.



00704E



9C02A3



2F6500

Square

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



9C02A3



A32F00



006D00



006FC9

Rectangle

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



9C02A3



C50038



006D00



00717D

Sweetspot

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



9C02A3



D194D4



020AA3



69456B



EBEBEB



6B6B6B

Same Dimension

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



9C02A3



CA00D4



A3025B



514952



8B0091



110012

Inverse Universe

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



A30209



D40009



02A34A



52494A



910006



120001

Previews

White Background



This preview shows how the Hex color 9C02A3 looks on a white background.

Color Contrast Check

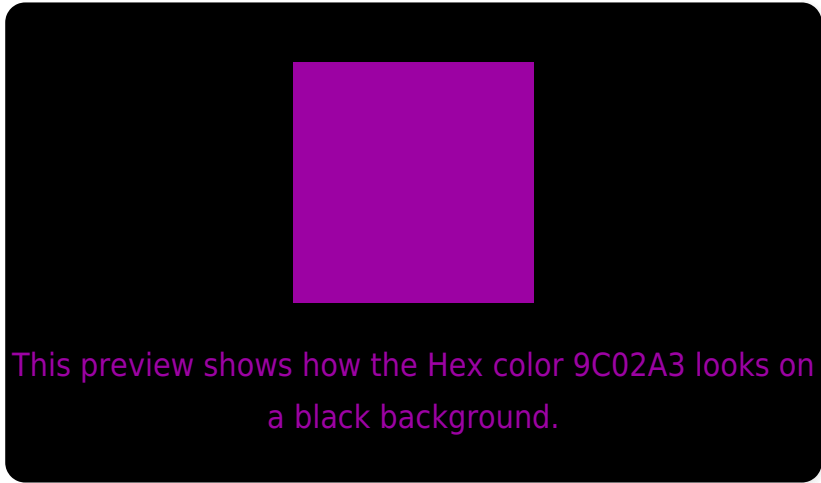
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

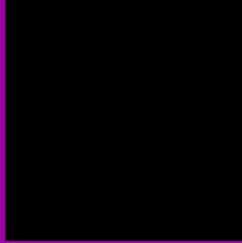
Any Text WCAG AA × Fail

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 9C02A3 Background



This preview shows how black text looks on a background with the Hex color 9C02A3.

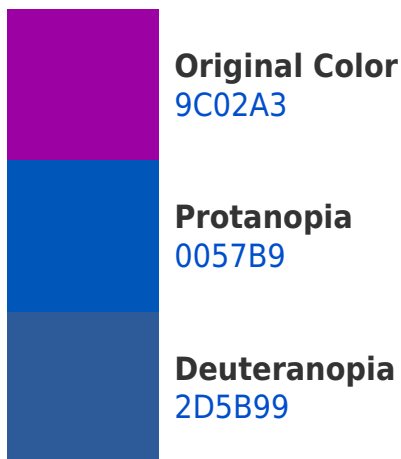


This preview shows how white text looks on a background with the Hex color 9C02A3.

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
914044

Trichromacy



Original Color
9C02A3



Protanomaly
3938B1



Deuteranomaly
553B9D



Tritanomaly
952967

Monochromacy



Original Color
9C02A3



Achromatopsia
424242



Achromatomaly
632B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C02A3 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 #9C02A3 looks like.

```
.text, #text, p{  
    color:#9C02A3  
}
```

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 #9C02A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C02A3
}
```

Border

The CSS property to change the border of an element to Hex 9C02A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

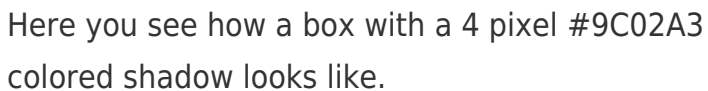
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C02A3 }
```

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

```
.border{ border-color:#9C02A3 }
```

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



Here you see how a box with a 4 pixel #9C02A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C02A3; -webkit-box-shadow:4px 4px  
4px 4px #9C02A3; box-shadow:4px 4px 4px  
4px #9C02A3 }
```

Background

The CSS property to change the background color of an element to Hex 9C02A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C02A3 }
```

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

```
.background{ background-color:#9C02A3 }
```

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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