

Converting Colors

Hex(9B2CA0)

Have a look what the booklet for
Hex(9B2CA0) contains.

Hex(9B2CA0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9B2CA0)

Conversions

Conversions Part 1

Format	Color
Hex	9B2CA0
RGB	155, 44, 160
RGB Percent	61%, 17%, 63%
CMY	0.3922, 0.8275, 0.3725
CMYK	0.03, 0.72, 0.00, 0.37
HSL	297°, 57%, 40%
HSV	297°, 72%, 63%
XYZ	20.7634, 11.3080, 34.3460
YIQ	90.4130, 28.9200, 59.6080

Conversions

Conversions Part 2

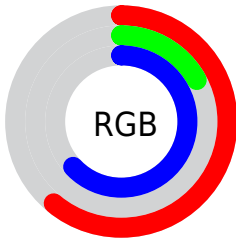
Format	Color
R_{YB}	155, 44, 160
Decimal	10169504
CIE _{Lab}	40.09, 59.35, -39.43
CIE _{LCh}	40, 71.251, 326.399
Yxy	11.3080, 0.3126, 0.1703
Android (android.graphics.Color)	4288359584 (0xFF9B2CA0)
YUV	90.4130, 34.3064, 56.6428
Hunter-Lab	33.6274, 51.3680, -37.0179

Details

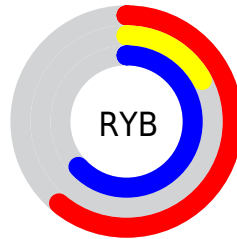
The Hex color **9B2CA0** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **31A02C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D465D7**, and **64006C** is the 20% darker color. If you saturate the color by 10%, you get **9A1CA0**, and if you desaturate by 10%, it is **9C3CA0**.

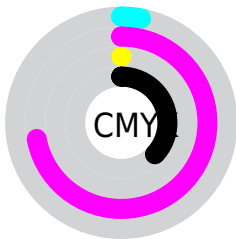
Distribution



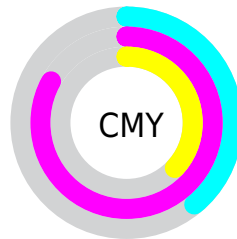
- Red (61%)
- Green (17%)
- Blue (63%)



- Red (61%)
- Yellow (17%)
- Blue (63%)



- Cyan (3%)
- Magenta (72%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (83%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B2CA0 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 9B2CA0 by changing the saturation by 10% instead.

 9B2CA0

 9B2CA0

FFFFFF

 7F0285

 D465D7

 64006C

 F280F4

 490053

 FF9CFF

 32003C

 FFB8FF

 0F0025

 FFD5FF

 00000C

 FFF2FF

 000000

 9B2CA0

 9B2CA0

 9A1CA0

 9C3CA0

 9A0CA0

 9C4CA0

 9900A0

 9D5CA0

 9E6CA0

 9E7CA0

 9F8CA0

 A09CA0

 A1ACA0

 A1BCA0

Harmonies

Analogous

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



3F52C8



9B2CA0



BD0068

Triad

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



9B2CA0



7A5A00



007691

Complementary

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



9B2CA0



31A02C

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.



007655



9B2CA0



416A00

Square

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



9B2CA0



A43E00



007213



0073C0

Rectangle

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



9B2CA0



C10042



007213



00767E

Sweetspot

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



9B2CA0



CFA3D1



2C32A0



674D69



E8E8E8



696969

Same Dimension

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



9B2CA0



C91BD1



A02C6C



4F474F



89008F



0F000F

Inverse Universe

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



A02C31



D11B23



2CA060



4F4747



8F0006



0F0001

Previews

White Background



This preview shows how the Hex color 9B2CA0 looks on a white background.

Color Contrast Check

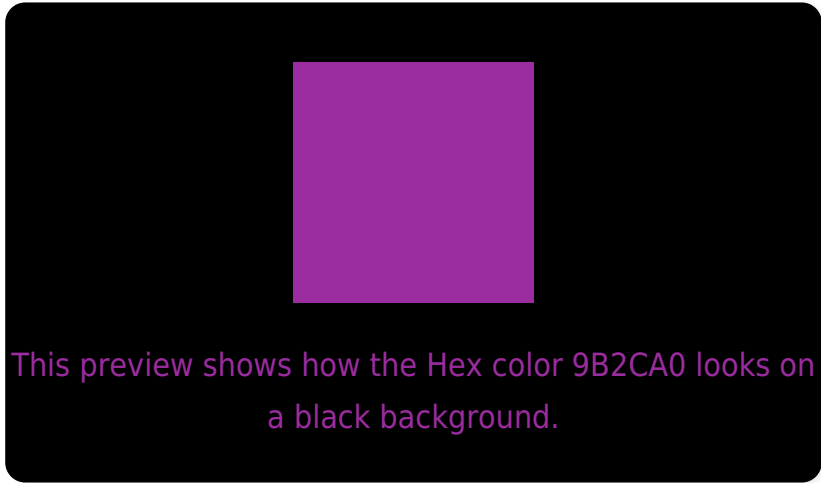
Large Text (above 18pt) WCAG AA ✓ Pass

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

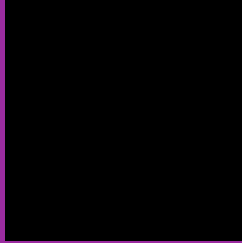
Any Text WCAG AA × Fail

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 9B2CA0 Background



This preview shows how black text looks on a background with the Hex color 9B2CA0.

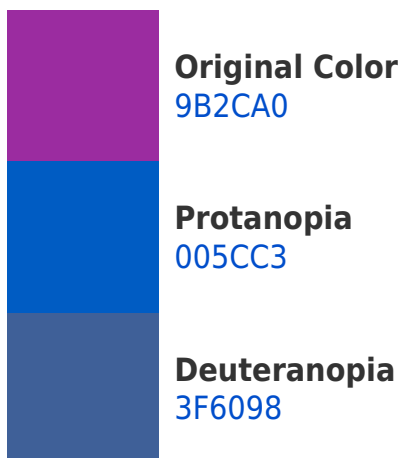



This preview shows how white text looks on a background with the Hex color 9B2CA0.

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
91494E

Trichromacy



Original Color
9B2CA0



Protanomaly
384BB6



Deuteranomaly
604D9B



Tritanomaly
953E6C

Monochromacy



Original Color
9B2CA0



Achromatopsia
5A5A5A



Achromatomaly
724973

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B2CA0 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 #9B2CA0 looks like.

```
.text, #text, p{  
    color:#9B2CA0  
}
```

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 #9B2CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2CA0
}
```

Border

The CSS property to change the border of an element to Hex 9B2CA0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

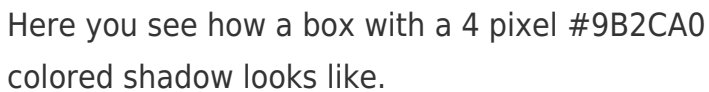
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B2CA0 }
```

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

```
.border{ border-color:#9B2CA0 }
```

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



Here you see how a box with a 4 pixel #9B2CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2CA0; -webkit-box-shadow:4px 4px  
4px 4px #9B2CA0; box-shadow:4px 4px 4px  
4px #9B2CA0 }
```

Background

The CSS property to change the background color of an element to Hex 9B2CA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2CA0 }
```

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

```
.background{ background-color:#9B2CA0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor