

Converting Colors

Hex(9B12AA)

Have a look what the booklet for
Hex(9B12AA) contains.

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Color

Hex(9B12AA)

Conversions

Conversions Part 1

Format	Color
Hex	9B12AA
RGB	155, 18, 170
RGB Percent	61%, 7%, 67%
CMY	0.3922, 0.9294, 0.3333
CMYK	0.09, 0.89, 0.00, 0.33
HSL	294°, 81%, 37%
HSV	294°, 89%, 67%
XYZ	20.9896, 10.3035, 38.9127
YIQ	76.2910, 32.8600, 76.3160

Conversions

Conversions Part 2

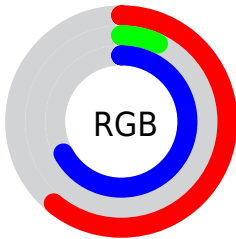
Format	Color
RYB	155, 18, 170
Decimal	10162858
CIELab	38.38, 67.82, -48.17
CIELCh	38, 83.183, 324.615
Yxy	10.3035, 0.2990, 0.1468
Android (android.graphics.Color)	4288352938 (0xFF9B12AA)
YUV	76.2910, 46.1985, 69.0278
Hunter-Lab	32.0990, 60.5481, -49.4063

Details

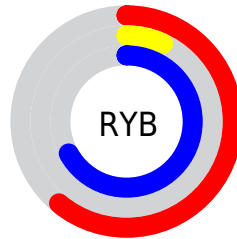
The Hex color **9B12AA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **21AA12**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **D556E2**, and **630075** is the 20% darker color. If you saturate the color by 10%, you get **9901AA**, and if you desaturate by 10%, it is **9D23AA**.

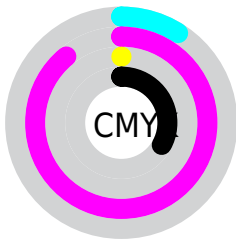
Distribution



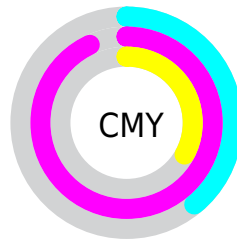
- Red (61%)
- Green (7%)
- Blue (67%)



- Red (61%)
- Yellow (7%)
- Blue (67%)



- Cyan (9%)
- Magenta (89%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B12AA 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 9B12AA by changing the saturation by 10% instead.

 9B12AA

 9B12AA

FFFFFF

 7F008F

 D556E2

 630075

 F373FF

 47005C

 FF8FFF

 2E0043

 FFACFF

 08002C

 FFC9FF

 000116

 FFE6FF

 000000

 9B12AA

 9B12AA

 9901AA

 9D23AA

■ 9900AA

■ 9E34AA

■ A045AA

■ A256AA

■ A367AA

■ A578AA

■ A789AA

■ A89AAA

■ AAABAA

Harmonies

Analogous

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



004FD8



9B12AA



C5006A

Triad

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



9B12AA



795400



007491

Complementary

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



9B12AA



21AA12

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.



00734C



9B12AA



376700

Square

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



9B12AA



A92E00



006F00



0072CA

Rectangle

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



9B12AA



C9003E



006F00



00747B

Sweetspot

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



9B12AA



D8A2DE



1221AA



6D4C70



F0F0F0



707070

Same Dimension

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



9B12AA



C800DE



AA126D



534C54



850094



120014

Inverse Universe

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



AA1221



DE0016



12AA4F



544C4D



94000F



140002

Previews

White Background



This preview shows how the Hex color 9B12AA 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

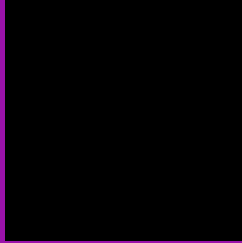
Any Text WCAG AA × Fail

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 9B12AA Background



This preview shows how black text looks on a background with the Hex color 9B12AA.

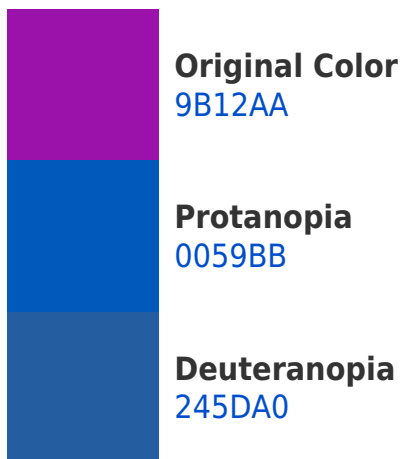



This preview shows how white text looks on a background with the Hex color 9B12AA.

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
8F4449

Trichromacy



Original Color
9B12AA



Protanomaly
383FB5



Deuteranomaly
4F42A4



Tritanomaly
93326C

Monochromacy



Original Color
9B12AA



Achromatopsia
4C4C4C



Achromatomaly
69376E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B12AA 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 #9B12AA looks like.

```
.text, #text, p{  
    color:#9B12AA  
}
```

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 #9B12AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B12AA
}
```

Border

The CSS property to change the border of an element to Hex 9B12AA 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
#9B12AA }
```

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

```
.border{ border-color:#9B12AA }
```

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

Here you see how a box with a 4 pixel #9B12AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B12AA; -webkit-box-shadow:4px 4px  
4px 4px #9B12AA; box-shadow:4px 4px 4px  
4px #9B12AA }
```

Background

The CSS property to change the background color of an element to Hex 9B12AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B12AA }
```

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

```
.background{ background-color:#9B12AA }
```

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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