

Converting Colors

Hex(9A1AA8)

Have a look what the booklet for
Hex(9A1AA8) contains.

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Color

Hex(9A1AA8)

Conversions

Conversions Part 1

Format	Color
Hex	9A1AA8
RGB	154, 26, 168
RGB Percent	60%, 10%, 66%
CMY	0.3961, 0.8980, 0.3412
CMYK	0.08, 0.85, 0.00, 0.34
HSL	294°, 73%, 38%
HSV	294°, 85%, 66%
XYZ	20.7637, 10.4360, 37.9658
YIQ	80.4600, 30.7060, 71.2980

Conversions

Conversions Part 2

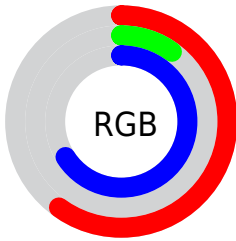
Format	Color
RYB	154, 26, 168
Decimal	10099368
CIELab	38.61, 65.73, -46.61
CIElCh	39, 80.576, 324.660
Yxy	10.4360, 0.3002, 0.1509
Android (android.graphics.Color)	4288289448 (0xFF9A1AA8)
YUV	80.4600, 43.1572, 64.4946
Hunter-Lab	32.3047, 58.1966, -47.0665

Details

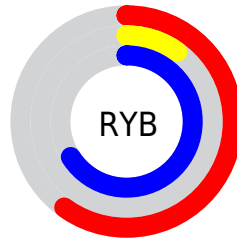
The Hex color **9A1AA8** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **28A81A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D45AE0**, and **620073** is the 20% darker color. If you saturate the color by 10%, you get **9809A8**, and if you desaturate by 10%, it is **9C2BA8**.

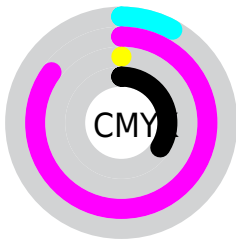
Distribution



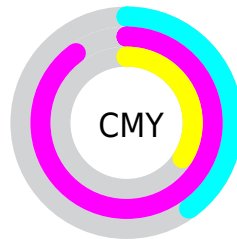
- Red (60%)
- Green (10%)
- Blue (66%)



- Red (60%)
- Yellow (10%)
- Blue (66%)



- Cyan (8%)
- Magenta (85%)
- Yellow (0%)
- Black (34%)



- Cyan (40%)
- Magenta (90%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A1AA8 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 9A1AA8 by changing the saturation by 10% instead.

 9A1AA8

 9A1AA8

FFFFFF

 7E008D

 D45AE0

 620073

 F276FD

 47005A

 FF92FF

 2E0042

 FFAEFF

 07002A

 FFCBFF

 000114

 FFE9FF

 000000

 9A1AA8

 9A1AA8

 9809A8

 9C2BA8

9700A8

9D3CA8

9F4CA8

A15DA8

A26EA8

A47FA8

A690A8

A7A0A8

A9B1A8

Harmonies

Analogous

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



034FD4



9A1AA8



C3006A

Triad

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



9A1AA8



795500



007490

Complementary

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



9A1AA8



28A81A

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.



00734D



9A1AA8



3A6700

Square

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



9A1AA8



A83100



006F00



0072C7

Rectangle

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



9A1AA8



C7003F



006F00



00747B

Sweetspot

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



9A1AA8



D6A4DB



1A28A8



6A4D6E



EDEDED



6E6E6E

Same Dimension

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



9A1AA8



C600DB



A81A6F



534C54



850094



120014

Inverse Universe

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



A81A28



DB0016



1AA853



544C4D



94000F



140002

Previews

White Background



This preview shows how the Hex color 9A1AA8 looks on a white background.

Color Contrast Check

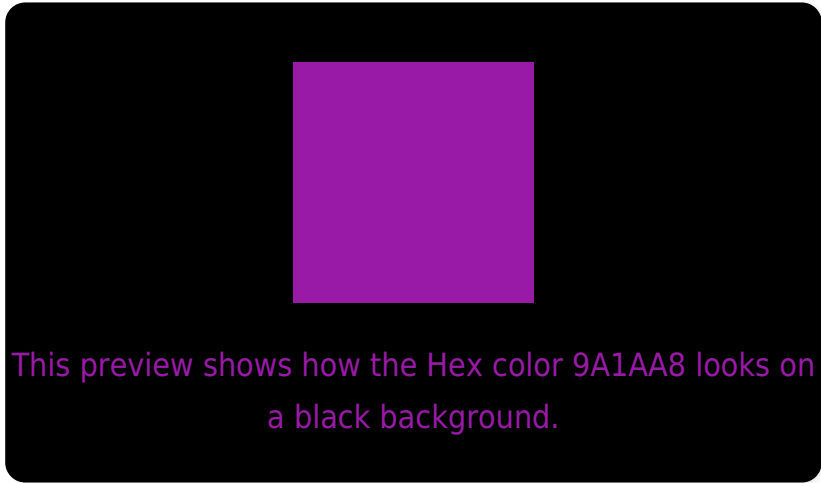
Large Text (above 18pt) WCAG AA ✓ Pass

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

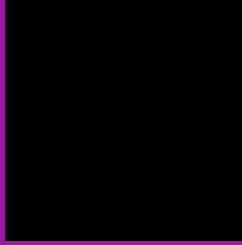
Any Text WCAG AA × Fail

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 9A1AA8 Background



This preview shows how black text looks on a background with the Hex color 9A1AA8.

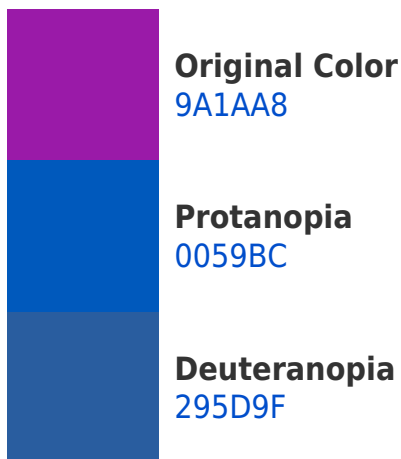



This preview shows how white text looks on a background with the Hex color 9A1AA8.

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
8F454A

Trichromacy



Original Color
9A1AA8



Protanomaly
3842B5



Deuteranomaly
5245A2



Tritanomaly
93356C

Monochromacy



Original Color
9A1AA8



Achromatopsia
505050



Achromatomaly
6B3C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A1AA8 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 #9A1AA8 looks like.

```
.text, #text, p{  
    color:#9A1AA8  
}
```

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 #9A1AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A1AA8
}
```

Border

The CSS property to change the border of an element to Hex 9A1AA8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

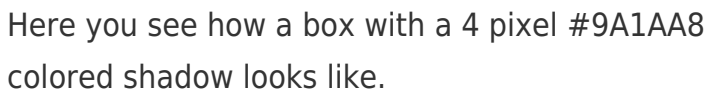
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A1AA8 }
```

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

```
.border{ border-color:#9A1AA8 }
```

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



Here you see how a box with a 4 pixel #9A1AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A1AA8; -webkit-box-shadow:4px 4px  
4px 4px #9A1AA8; box-shadow:4px 4px 4px  
4px #9A1AA8 }
```

Background

The CSS property to change the background color of an element to Hex 9A1AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A1AA8 }
```

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

```
.background{ background-color:#9A1AA8 }
```

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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