

Converting Colors

Hex(9B0AA8)

Have a look what the booklet for
Hex(9B0AA8) contains.

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Color

Hex(9B0AA8)

Conversions

Conversions Part 1

Format	Color
Hex	9B0AA8
RGB	155, 10, 168
RGB Percent	61%, 4%, 66%
CMY	0.3922, 0.9608, 0.3412
CMYK	0.08, 0.94, 0.00, 0.34
HSL	295°, 89%, 35%
HSV	295°, 94%, 66%
XYZ	20.6940, 10.0128, 37.8878
YIQ	71.3670, 35.7020, 79.8780

Conversions

Conversions Part 2

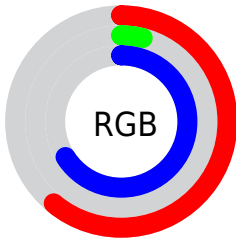
Format	Color
R_{YB}	155, 10, 168
Decimal	10160808
CIE _{Lab}	37.87, 68.62, -47.80
CIE _{LCh}	38, 83.626, 325.138
Yxy	10.0128, 0.3017, 0.1460
Android (android.graphics.Color)	4288350888 (0xFF9B0AA8)
YUV	71.3670, 47.6401, 73.3461
Hunter-Lab	31.6430, 61.3607, -48.8408

Details

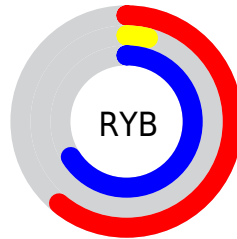
The Hex color **9B0AA8** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **17A80A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D554E0**, and **630073** is the 20% darker color. If you saturate the color by 10%, you get **9A00A8**, and if you desaturate by 10%, it is **9C1BA8**.

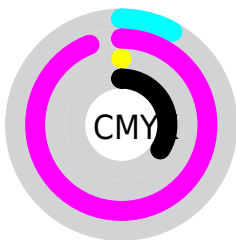
Distribution



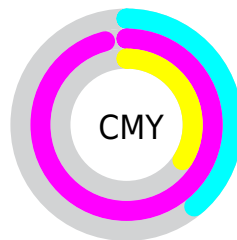
- Red (61%)
- Green (4%)
- Blue (66%)



- Red (61%)
- Yellow (4%)
- Blue (66%)



- Cyan (8%)
- Magenta (94%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (96%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B0AA8 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 9B0AA8 by changing the saturation by 10% instead.

9B0AA8

9B0AA8

FFFFFF

7F008D

D554E0

630073

F370FD

47005A

FF8DFF

2E0042

FFA9FF

06002A

FFC6FF

000114

FFE4FF

000000

9B0AA8

9B0AA8

9A00A8

9C1BA8

 9E2CA8

 9F3CA8

 A14DA8

 A25EA8

 A36FA8

 A580A8

 A690A8

 A7A1A8

Harmonies

Analogous

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



004DD7



9B0AA8



C40067

Triad

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



9B0AA8



775300



007392

Complementary

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



9B0AA8



17A80A

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.



00724C



9B0AA8



336600

Square

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



9B0AA8



A72D00



006E00



0071CA

Rectangle

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



9B0AA8



C8003B



006E00



00737B

Sweetspot

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



9B0AA8



D69EDB



0A17A8



6B486E



EDEDED



6E6E6E

Same Dimension

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



9B0AA8



C900DB



A80A66



534C54



880094



130014

Inverse Universe

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



A80A17



DB0012



0AA84C



544C4C



94000C



140002

Previews

White Background



This preview shows how the Hex color 9B0AA8 looks on a white background.

Color Contrast Check

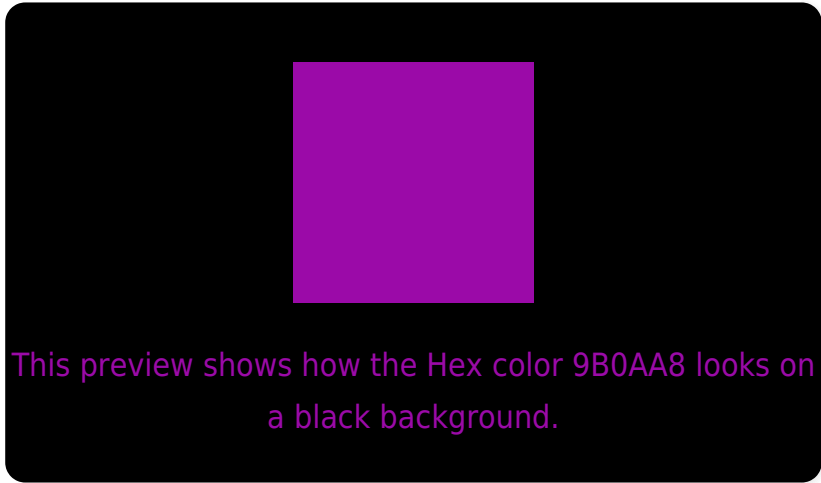
Large Text (above 18pt) WCAG AA ✓ Pass

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

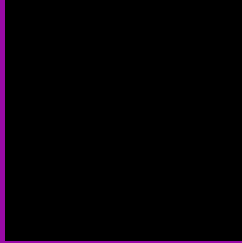
Any Text WCAG AA × Fail

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 9B0AA8 Background



This preview shows how black text looks on a background with the Hex color 9B0AA8.

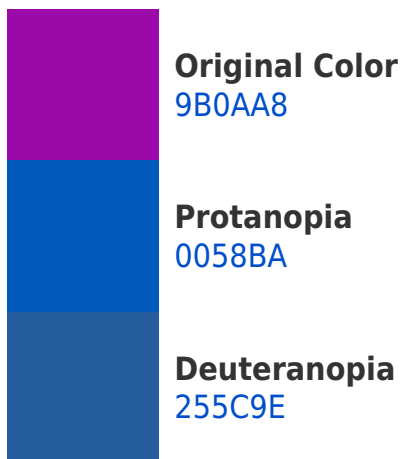



This preview shows how white text looks on a background with the Hex color 9B0AA8.

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
8F4247

Trichromacy



Original Color
9B0AA8



Protanomaly
383CB3



Deuteranomaly
503EA2



Tritanomaly
932E6A

Monochromacy



Original Color
9B0AA8



Achromatopsia
474747



Achromatomaly
66316A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B0AA8 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 #9B0AA8 looks like.

```
.text, #text, p{  
    color:#9B0AA8  
}
```

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 #9B0AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B0AA8
}
```

Border

The CSS property to change the border of an element to Hex 9B0AA8 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
#9B0AA8 }
```

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

```
.border{ border-color:#9B0AA8 }
```

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

Here you see how a box with a 4 pixel #9B0AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B0AA8; -webkit-box-shadow:4px 4px  
4px 4px #9B0AA8; box-shadow:4px 4px 4px  
4px #9B0AA8 }
```

Background

The CSS property to change the background color of an element to Hex 9B0AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B0AA8 }
```

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

```
.background{ background-color:#9B0AA8 }
```

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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