

# Converting Colors

Hex(9A008A)

Have a look what the booklet for  
Hex(9A008A) contains.

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# Color

**Hex(9A008A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A008A
RGB	154, 0, 138
RGB Percent	60%, 0%, 54%
CMY	0.3961, 1.0000, 0.4588
CMYK	0.00, 1.00, 0.10, 0.40
HSL	306°, 100%, 30%
HSV	306°, 100%, 60%
XYZ	17.9139, 8.7050, 24.7808
YIQ	61.7780, 47.4860, 75.5660

# Conversions

## Conversions Part 2

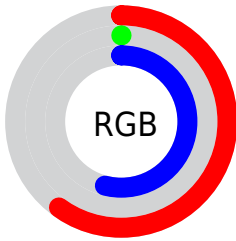
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 0, 138
Decimal	10092682
CIELab	35.41, 65.08, -33.47
CIElCh	35, 73.181, 332.782
Yxy	8.7050, 0.3485, 0.1694
Android (android.graphics.Color)	4288282762 (0xFF9A008A)
YUV	61.7780, 37.5774, 80.8787
Hunter-Lab	29.5042, 56.7461, -29.1451

# Details

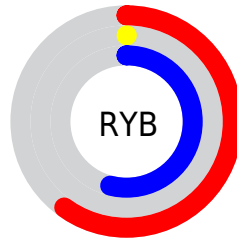
The Hex color **9A008A** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **009A10**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **D44FC0**, and **620057** is the 20% darker color. If you saturate the color by 10%, you get **9A008A**, and if you desaturate by 10%, it is **9A0F8C**.

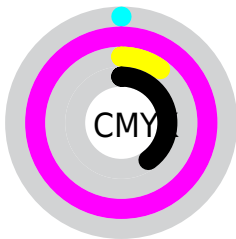
# Distribution



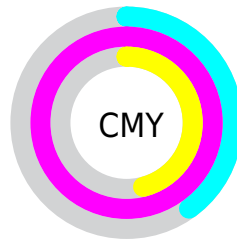
- Red (60%)
- Green (0%)
- Blue (54%)



- Red (60%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A008A 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 9A008A by changing the saturation by 10% instead.



 9A008A

 9A008A

FFFFFF

 7E0070

 D44FC0

 620057

 F26BDC

 470040

 FF88F9

 2D0029

 FFA4FF

 000012

 FFC1FF

 000000

 FFDEFF

 FFFCFF

 9A008A

 9A0F8C

 9A1F8D

 9A2E8F

 9A3E90

 9A4D92

 9A5C94

 9A6C95

 9A7B97

 9A8B98

# Harmonies

## Analogous

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



4E40B8



9A008A



B40051

# Triad

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



9A008A



625300



006A92

# Complementary

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



9A008A



009A10

# 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.



006A57



9A008A



206100

# Square

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



9A008A



8F3900



006716



0067BD

# Rectangle

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



9A008A



B2002B



006716



006A80



# Sweetspot

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



9A008A



C98DC3



0F009A



664162



E6E6E6



666666



# Same Dimension

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



9A008A



C900B5



9A003E



4D454C



8C007E



0D000B



# Inverse Universe

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



9A008A



C900B5



009A5C



4D454C



8C007E



0D000B



# Previews

## White Background



This preview shows how the Hex color 9A008A looks on a white background.

## Color Contrast Check

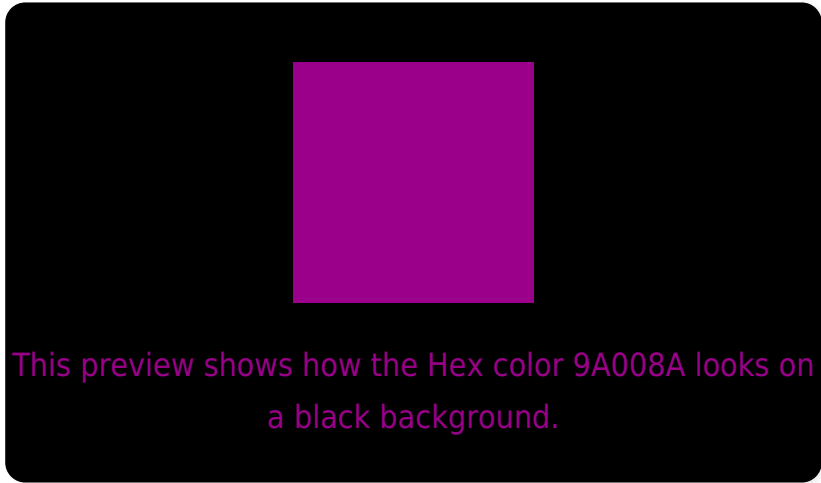
Large Text (above 18pt) WCAG AA ✓ Pass

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

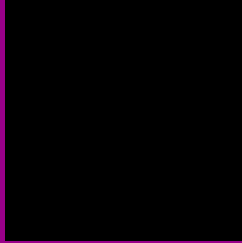
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9A008A Background



This preview shows how black text looks on a background with the Hex color 9A008A.




This preview shows how white text looks on a background with the Hex color 9A008A.

# 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**  
92363A

# Trichromacy



**Original Color**  
9A008A



**Protanomaly**  
3835A2



**Deuteranomaly**  
623785



**Tritanomaly**  
952257

# Monochromacy



**Original Color**  
9A008A



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
5F275A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A008A 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 #9A008A looks like.

```
.text, #text, p{  
    color:#9A008A  
}
```

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 #9A008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A008A
}
```

## Border

The CSS property to change the border of an element to Hex 9A008A is called "border". The border property can be set on classes, ids or directly on the HTML element.

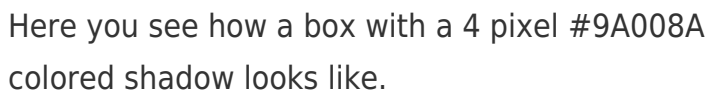
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A008A }
```

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

```
.border{ border-color:#9A008A }
```

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



Here you see how a box with a 4 pixel #9A008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A008A; -webkit-box-shadow:4px 4px  
4px 4px #9A008A; box-shadow:4px 4px 4px  
4px #9A008A }
```

# Background

The CSS property to change the background color of an element to Hex 9A008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A008A }
```

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

```
.background{ background-color:#9A008A }
```

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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