

Converting Colors

Hex(8A009D)

Have a look what the booklet for
Hex(8A009D) contains.

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Color

Hex(8A009D)

Conversions

Conversions Part 1

Format	Color
Hex	8A009D
RGB	138, 0, 157
RGB Percent	54%, 0%, 62%
CMY	0.4588, 1.0000, 0.3843
CMYK	0.12, 1.00, 0.00, 0.38
HSL	293°, 100%, 31%
HSV	293°, 100%, 62%
XYZ	16.5670, 7.8376, 32.5379
YIQ	59.1600, 31.8510, 78.0830

Conversions

Conversions Part 2

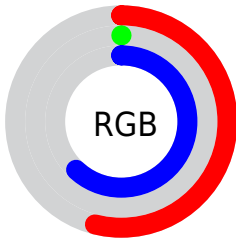
Format	Color
R_{YB}	138, 0, 157
Decimal	9044125
CIE Lab	33.64, 65.33, -48.12
CIE LCh	34, 81.137, 323.622
Yxy	7.8376, 0.2909, 0.1376
Android (android.graphics.Color)	4287234205 (0xFF8A009D)
YUV	59.1600, 48.2351, 69.1427
Hunter-Lab	27.9957, 56.6386, -49.3126

Details

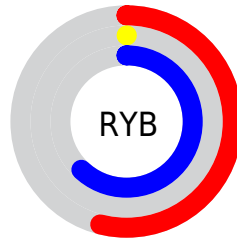
The Hex color **8A009D** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **139D00**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **C34CD4**, and **530069** is the 20% darker color. If you saturate the color by 10%, you get **8A009D**, and if you desaturate by 10%, it is **8C109D**.

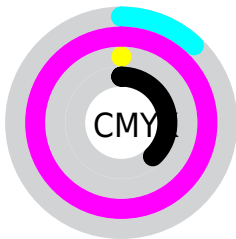
Distribution



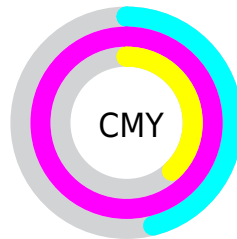
- Red (54%)
- Green (0%)
- Blue (62%)



- Red (54%)
- Yellow (0%)
- Blue (62%)



- Cyan (12%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (100%)
- Yellow (38%)
- Black (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A009D 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 8A009D by changing the saturation by 10% instead.

 8A009D

 8A009D

FFFFFF

 6E0082

 C34CD4

 530069

 E169F1

 380050

 FF85FF

 1C0038

 FFA1FF

 000221

 FFBEFF

 000007

 FFDBFF

 000000

 FFF8FF

 8A009D

 8C109D

 8E1F9D

 902F9D

 923F9D

 944F9D

 955E9D

 976E9D

 997E9D

 9B8D9D

Harmonies

Analogous

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



0045C8



8A009D



B30060

Triad

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



8A009D



6D4800



006782

Complementary

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



8A009D



139D00

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.



00663F



8A009D



2D5A00

Square

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



8A009D



9A2000



006200



0066B8

Rectangle

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



8A009D



B80036



006200



00676C

Sweetspot

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



8A009D



C58FCC



00159D



624166



E6E6E6



666666

Same Dimension

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



8A009D



B300CC



9D0063



4E474F



7E008F



0D000F

Inverse Universe

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



9D0013



CC0019



009D3A



4F4748



8F0011



0F0002

Previews

White Background



This preview shows how the Hex color 8A009D looks on a white background.

Color Contrast Check

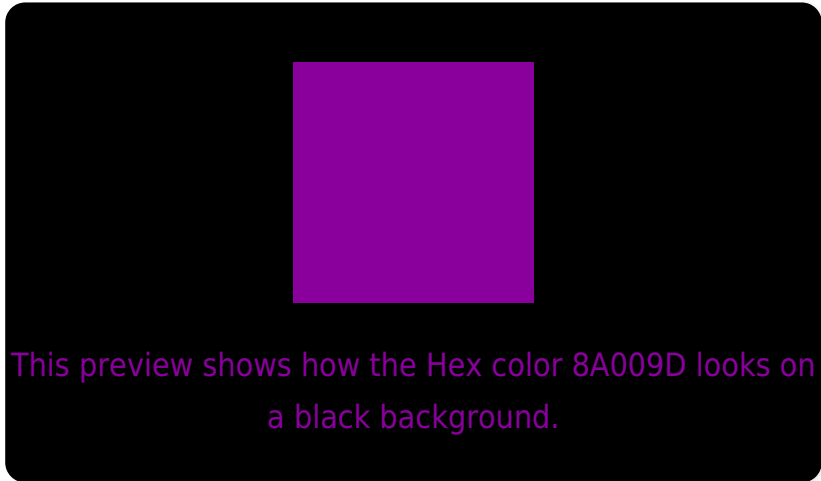
Large Text (above 18pt) WCAG AA ✓ Pass

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

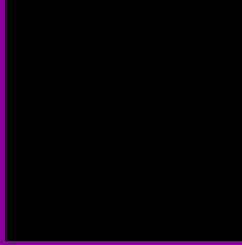
Any Text WCAG AA × Fail

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 8A009D Background



This preview shows how black text looks on a background with the Hex color 8A009D.



This preview shows how white text looks on a background with the Hex color 8A009D.

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



Original Color
8A009D

Protanopia
004FA7

Deuteranopia
0A5394



Tritanopia
7E3E42

Trichromacy



Original Color
8A009D



Protanomaly
3232A3



Deuteranomaly
393597



Tritanomaly
822763

Monochromacy



Original Color
8A009D



Achromatopsia
3B3B3B



Achromatomaly
58265F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A009D 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 #8A009D looks like.

```
.text, #text, p{  
    color:#8A009D  
}
```

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 #8A009D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A009D
}
```

Border

The CSS property to change the border of an element to Hex 8A009D is called "border". The border property can be set on classes, ids or directly on the HTML element.

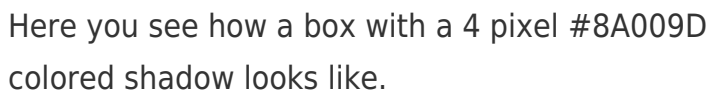
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A009D }
```

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

```
.border{ border-color:#8A009D }
```

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



Here you see how a box with a 4 pixel #8A009D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A009D; -webkit-box-shadow:4px 4px  
4px 4px #8A009D; box-shadow:4px 4px 4px  
4px #8A009D }
```

Background

The CSS property to change the background color of an element to Hex 8A009D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A009D }
```

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

```
.background{ background-color:#8A009D }
```

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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