

Converting Colors

Hex(9B009F)

Have a look what the booklet for
Hex(9B009F) contains.

Hex(9B009F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9B009F)

Conversions

Conversions Part 1

Format	Color
Hex	9B009F
RGB	155, 0, 159
RGB Percent	61%, 0%, 62%
CMY	0.3922, 1.0000, 0.3765
CMYK	0.03, 1.00, 0.00, 0.38
HSL	298°, 100%, 31%
HSV	298°, 100%, 62%
XYZ	19.7756, 9.4718, 33.5868
YIQ	64.4710, 41.3410, 82.3090

Conversions

Conversions Part 2

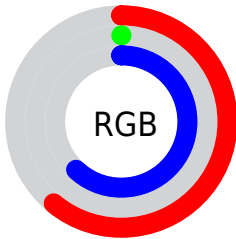
Format	Color
R_{YB}	155, 0, 159
Decimal	10158239
CIE _{Lab}	36.88, 68.36, -43.97
CIE _{LCh}	37, 81.278, 327.252
Yxy	9.4718, 0.3147, 0.1507
Android (android.graphics.Color)	4288348319 (0xFF9B009F)
YUV	64.4710, 46.6028, 79.3939
Hunter-Lab	30.7762, 60.8386, -43.1612

Details

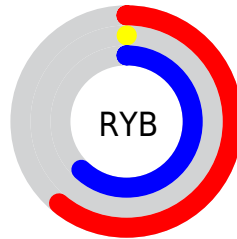
The Hex color **9B009F** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **049F00**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **D550D6**, and **63006B** is the 20% darker color. If you saturate the color by 10%, you get **9B009F**, and if you desaturate by 10%, it is **9B109F**.

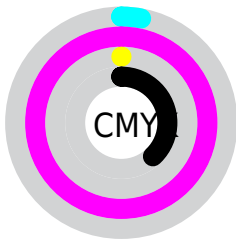
Distribution



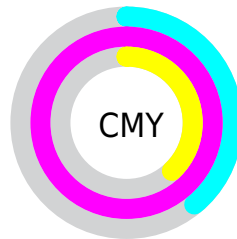
- Red (61%)
- Green (0%)
- Blue (62%)



- Red (61%)
- Yellow (0%)
- Blue (62%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (100%)
- Yellow (38%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B009F 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 9B009F by changing the saturation by 10% instead.

 9B009F

 9B009F

FFFFFF

 7F0084

 D550D6

 63006B

 F36DF3

 470052

 FF8AFF

 2E003A

 FFA6FF

 050023

 FFC3FF

 00000A

 FFE0FF

 000000

 FFFEFF

 9B009F

 9B109F

 9C209F

 9C309F

 9D409F

 9D509F

 9D5F9F

 9E6F9F

 9E7F9F

 9F8F9F

Harmonies

Analogous

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



2448CE



9B009F



BF0060

Triad

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



9B009F



705300



007092

Complementary

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



9B009F



049F00

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.



006F4F



9B009F



2C6400

Square

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



9B009F



A03000



006B00



006EC6

Rectangle

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



9B009F



C20035



006B00



00707C

Sweetspot

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



9B009F



CD91CF



00059F



684369



E8E8E8



696969

Same Dimension

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



9B009F



C900CF



9F0055



4F474F



8B008F



0F000F

Inverse Universe

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



9F0004



CF0005



009F4A



4F4747



8F0004



0F0000

Previews

White Background



This preview shows how the Hex color 9B009F looks on a white background.

Color Contrast Check

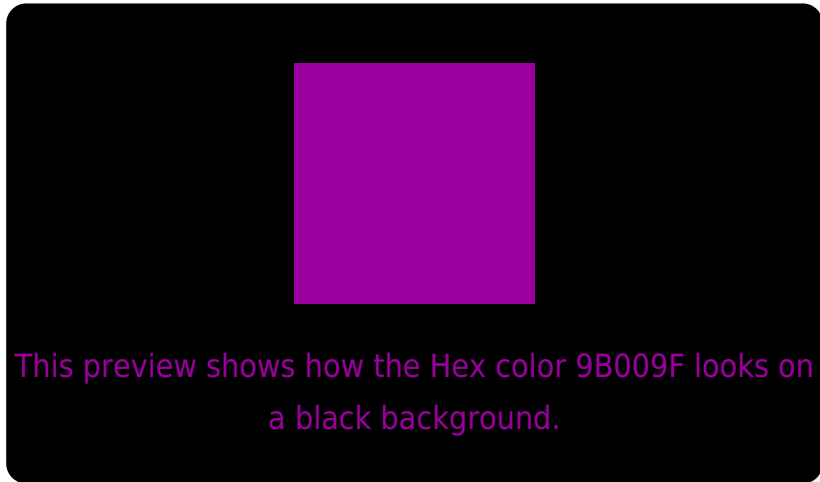
Large Text (above 18pt) WCAG AA ✓ Pass

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

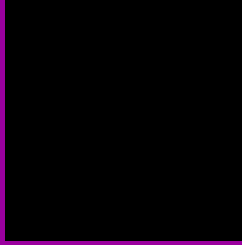
Any Text WCAG AA × Fail

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 9B009F Background



This preview shows how black text looks on a background with the Hex color 9B009F.




This preview shows how white text looks on a background with the Hex color 9B009F.

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
913E43

Trichromacy



Original Color
9B009F



Protanomaly
3837AE



Deuteranomaly
583999



Tritanomaly
952764

Monochromacy



Original Color
9B009F



Achromatopsia
404040



Achromatomaly
612963

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B009F 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 #9B009F looks like.

```
.text, #text, p{  
    color:#9B009F  
}
```

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 #9B009F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B009F
}
```

Border

The CSS property to change the border of an element to Hex 9B009F is called "border". The border property can be set on classes, ids or directly on the HTML element.

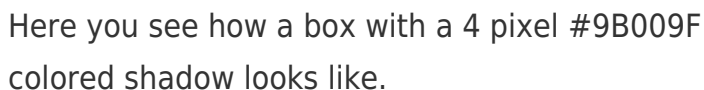
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B009F }
```

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

```
.border{ border-color:#9B009F }
```

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



Here you see how a box with a 4 pixel #9B009F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B009F; -webkit-box-shadow:4px 4px  
4px 4px #9B009F; box-shadow:4px 4px 4px  
4px #9B009F }
```

Background

The CSS property to change the background color of an element to Hex 9B009F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B009F }
```

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

```
.background{ background-color:#9B009F }
```

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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