

Converting Colors

Hex(9D00BF)

Have a look what the booklet for
Hex(9D00BF) contains.

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Color

Hex(9D00BF)

Conversions

Conversions Part 1

Format	Color
Hex	9D00BF
RGB	157, 0, 191
RGB Percent	62%, 0%, 75%
CMY	0.3843, 1.0000, 0.2510
CMYK	0.18, 1.00, 0.00, 0.25
HSL	289°, 100%, 37%
HSV	289°, 100%, 75%
XYZ	23.3086, 10.9297, 50.1714
YIQ	68.7170, 32.2610, 92.6850

Conversions

Conversions Part 2

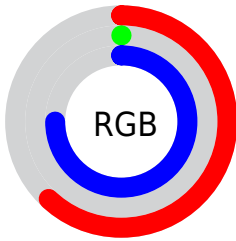
Format	Color
RYB	157, 0, 191
Decimal	10289343
CIELab	39.46, 73.91, -58.85
CIElCh	39, 94.476, 321.469
Yxy	10.9297, 0.2761, 0.1295
Android (android.graphics.Color)	4288479423 (0xFF9D00BF)
YUV	68.7170, 60.2855, 77.4242
Hunter-Lab	33.0601, 67.9941, -66.8353

Details

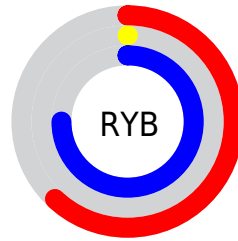
The Hex color **9D00BF** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **22BF00**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **D853F8**, and **640088** is the 20% darker color. If you saturate the color by 10%, you get **9D00BF**, and if you desaturate by 10%, it is **A013BF**.

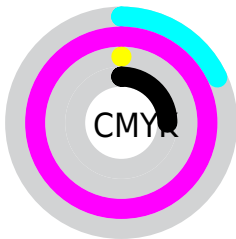
Distribution



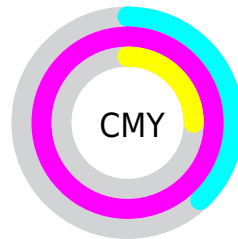
- Red (62%)
- Green (0%)
- Blue (75%)



- Red (62%)
- Yellow (0%)
- Blue (75%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D00BF 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 9D00BF by changing the saturation by 10% instead.

 9D00BF

 9D00BF

FFFFFF

 8000A3

 D853F8

 640088

 F670FF

 47006E

 FF8DFF

 2D0055


 FFAAFF

 03003D

 FFC7FF

 000226

 FFE5FF

 00010F

 000000

 9D00BF

 A013BF

 A426BF

 A739BF

 AB4CBF

 AE60BF

 B173BF

 B586BF

 B899BF

 BCACBF

Harmonies

Analogous

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



0054F1



9D00BF



D30077

Triad

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



9D00BF



845300



007994

Complementary

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



9D00BF



22BF00

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.



007744



9D00BF



3A6900

Square

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



9D00BF



B91A00



007300



008D7

Rectangle

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



9D00BF



DA0044



007300



00797A

Sweetspot

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



9D00BF



EAADF7



0023BF



75507D



FCFCFC



7D7D7D

Same Dimension

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



9D00BF



CB00F7



BF0083



5D555E



82009E



19001F

Inverse Universe

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



BF0022



F7002C



00BF3C



5E5557



9E001C



1F0005

Previews

White Background



This preview shows how the Hex color 9D00BF looks on a white background.

Color Contrast Check

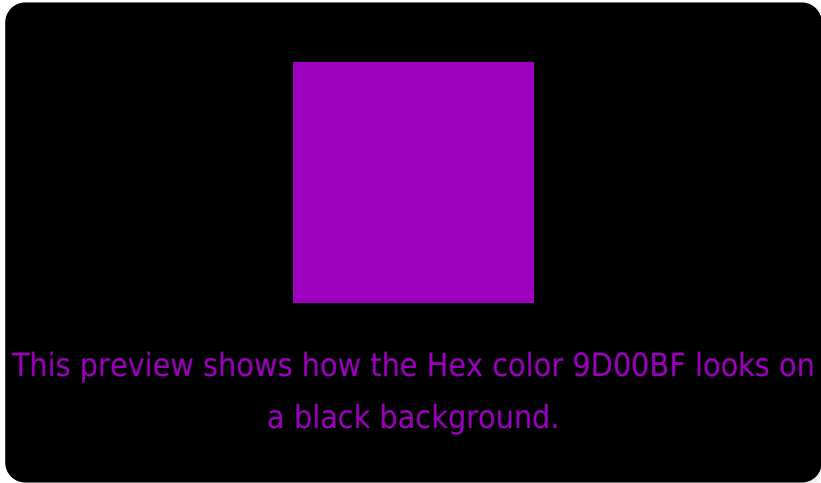
Large Text (above 18pt) WCAG AA ✓ Pass

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

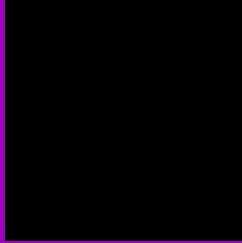
Any Text WCAG AA × Fail

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 9D00BF Background



This preview shows how black text looks on a background with the Hex color 9D00BF.

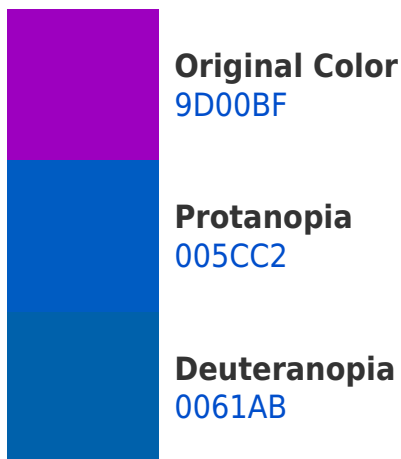


This preview shows how white text looks on a background with the Hex color 9D00BF.

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
8E4B50

Trichromacy



Original Color
9D00BF



Protanomaly
393BC1



Deuteranomaly
393EB2



Tritanomaly
933078

Monochromacy



Original Color
9D00BF



Achromatopsia
454545



Achromatomaly
652C71

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D00BF 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 #9D00BF looks like.

```
.text, #text, p{  
    color:#9D00BF  
}
```

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 #9D00BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D00BF
}
```

Border

The CSS property to change the border of an element to Hex 9D00BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

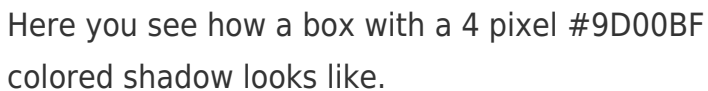
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D00BF }
```

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

```
.border{ border-color:#9D00BF }
```

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



Here you see how a box with a 4 pixel #9D00BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D00BF; -webkit-box-shadow:4px 4px  
4px 4px #9D00BF; box-shadow:4px 4px 4px  
4px #9D00BF }
```

Background

The CSS property to change the background color of an element to Hex 9D00BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D00BF }
```

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

```
.background{ background-color:#9D00BF }
```

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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