

Converting Colors

Hex(9C00BD)

Have a look what the booklet for
Hex(9C00BD) contains.

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Color

Hex(9C00BD)

Conversions

Conversions Part 1

Format	Color
Hex	9C00BD
RGB	156, 0, 189
RGB Percent	61%, 0%, 74%
CMY	0.3882, 1.0000, 0.2588
CMYK	0.17, 1.00, 0.00, 0.26
HSL	290°, 100%, 37%
HSV	290°, 100%, 74%
XYZ	22.8956, 10.7420, 49.0108
YIQ	68.1900, 32.3070, 91.8510

Conversions

Conversions Part 2

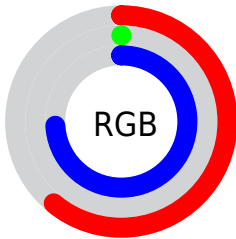
Format	Color
R_{YB}	156, 0, 189
Decimal	10223805
CIE Lab	39.14, 73.42, -58.20
CIE LCh	39, 93.693, 321.596
Yxy	10.7420, 0.2770, 0.1300
Android (android.graphics.Color)	4288413885 (0xFF9C00BD)
YUV	68.1900, 59.5593, 77.0094
Hunter-Lab	32.7751, 67.3381, -65.7179

Details

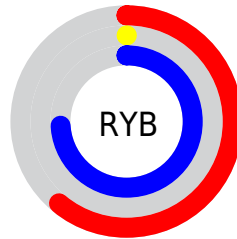
The Hex color **9C00BD** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **21BD00**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **D752F6**, and **630086** is the 20% darker color. If you saturate the color by 10%, you get **9C00BD**, and if you desaturate by 10%, it is **9F13BD**.

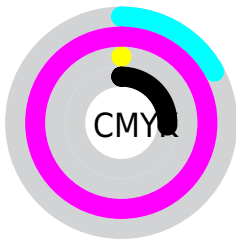
Distribution



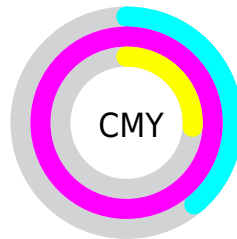
- Red (61%)
- Green (0%)
- Blue (74%)



- Red (61%)
- Yellow (0%)
- Blue (74%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (100%)
- Yellow (26%)
- Black (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C00BD 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 9C00BD by changing the saturation by 10% instead.

 9C00BD

 9C00BD

FFFFFF

 7F00A1

 D752F6

 630086

 F570FF

 46006C

 FF8CFF

 2C0053

 FFA9FF

 02003B

 FFC6FF

 000224

 FFE4FF

 00000C

 000000

 9C00BD

 9F13BD

 A326BD

 A639BD

 A94CBD

 AC5FBD

 B071BD

 B384BD

 B697BD

 BAAABD

Harmonies

Analogous

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



0053EE



9C00BD



D10075

Triad

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



9C00BD



835200



007893

Complementary

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



9C00BD



21BD00

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.



007643



9C00BD



3A6800

Square

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



9C00BD



B71B00



007200



0077D5

Rectangle

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



9C00BD



D80044



007200



007879

Sweetspot

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



9C00BD



E8ABF5



0023BD



734E7A



FAFAFA



7A7A7A

Same Dimension

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



9C00BD



CA00F5



BD0081



5D555E



82009E



19001F

Inverse Universe

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



BD0021



F5002B



00BD3C



5E5557



9E001C



1F0005

Previews

White Background



This preview shows how the Hex color 9C00BD looks on a white background.

Color Contrast Check

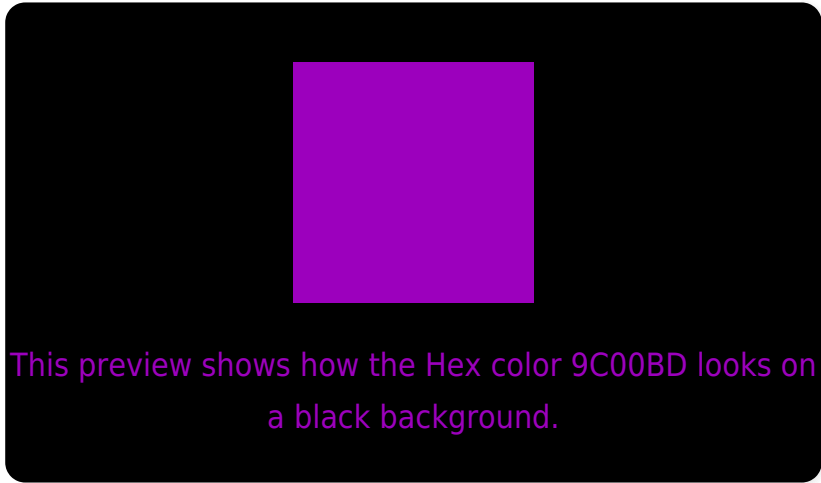
Large Text (above 18pt) WCAG AA ✓ Pass

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

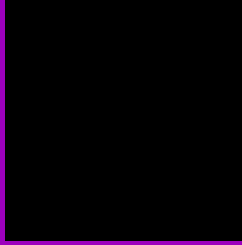
Any Text WCAG AA × Fail

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 9C00BD Background



This preview shows how black text looks on a background with the Hex color 9C00BD.

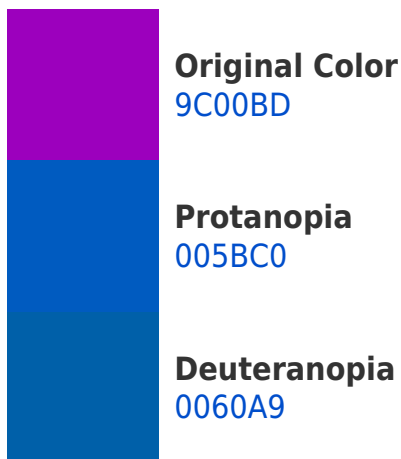


This preview shows how white text looks on a background with the Hex color 9C00BD.

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
8D4A4F

Trichromacy



Original Color
9C00BD



Protanomaly
393ABF



Deuteranomaly
393DB0



Tritanomaly
922F77

Monochromacy



Original Color
9C00BD



Achromatopsia
444444



Achromatomaly
642B70

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C00BD 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 #9C00BD looks like.

```
.text, #text, p{  
    color:#9C00BD  
}
```

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 #9C00BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C00BD
}
```

Border

The CSS property to change the border of an element to Hex 9C00BD 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".

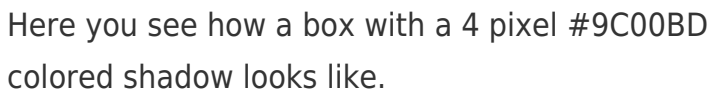
```
.border, #border, table{ border:4px solid
#9C00BD }
```

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

```
.border{ border-color:#9C00BD }
```

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

Here you see how a box with a 4 pixel #9C00BD colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C00BD; -webkit-box-shadow:4px 4px  
4px 4px #9C00BD; box-shadow:4px 4px 4px  
4px #9C00BD }
```

Background

The CSS property to change the background color of an element to Hex 9C00BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C00BD }
```

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

```
.background{ background-color:#9C00BD }
```

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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