

Converting Colors

Hex(9F00CC)

Have a look what the booklet for
Hex(9F00CC) contains.

Hex(9F00CC)	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(9F00CC)

Conversions

Conversions Part 1

Format	Color
Hex	9F00CC
RGB	159, 0, 204
RGB Percent	62%, 0%, 80%
CMY	0.3765, 1.0000, 0.2000
CMYK	0.22, 1.00, 0.00, 0.20
HSL	287°, 100%, 40%
HSV	287°, 100%, 80%
XYZ	25.1972, 11.7306, 58.0629
YIQ	70.7970, 29.2800, 97.1520

Conversions

Conversions Part 2

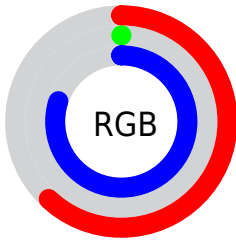
Format	Color
RYB	159, 0, 204
Decimal	10420428
CIELab	40.78, 76.44, -64.28
CIElCh	41, 99.873, 319.938
Yxy	11.7306, 0.2653, 0.1235
Android (android.graphics.Color)	4288610508 (0xFF9F00CC)
YUV	70.7970, 65.6691, 77.3540
Hunter-Lab	34.2499, 71.3825, -76.5378

Details

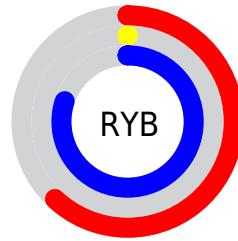
The Hex color **9F00CC** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **2DCC00**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **DA54FF**, and **650095** is the 20% darker color. If you saturate the color by 10%, you get **9F00CC**, and if you desaturate by 10%, it is **A314CC**.

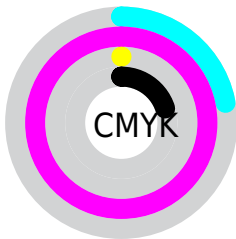
Distribution



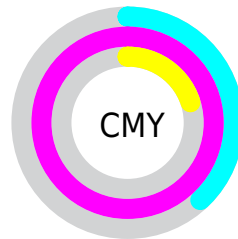
- Red (62%)
- Green (0%)
- Blue (80%)



- Red (62%)
- Yellow (0%)
- Blue (80%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F00CC 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 9F00CC by changing the saturation by 10% instead.

 9F00CC

 9F00CC

FFFFFF

 8200B0

 DA54FF

 650095

 F972FF

 47007A

 FF8FFF

 2C0060

 FFACFF

 000047

 FFC9FF

 000430

 FFE7FF

 00011A

 000000

 9F00CC

 A314CC

 A829CC

 AC3DCC

 B152CC

 B666CC

 BA7ACC

 BF8FCC

 C3A3CC

 C8B8CC

Harmonies

Analogous

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



0059FF



9F00CC



DB007F

Triad

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



9F00CC



8C5300



007E97

Complementary

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



9F00CC



2DCC00

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.



007C41



9F00CC



3F6C00

Square

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



9F00CC



C30900



007700



007DDF

Rectangle

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



9F00CC



E4004A



007700



007D7B

Sweetspot

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



9F00CC



EEB3FF



0030CC



755280



000000



808080

Same Dimension

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



9F00CC



C700FF



CC0096



645C66



8100A6



1E0026

Inverse Universe

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



CC002D



FF0038



00CC36



665C5E



A60025



260008

Previews

White Background



This preview shows how the Hex color 9F00CC looks on a white background.

Color Contrast Check

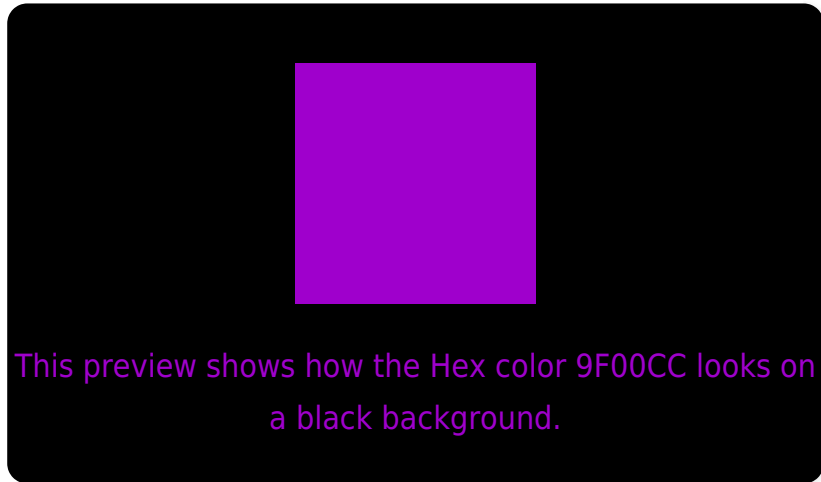
Large Text (above 18pt) WCAG AA ✓ Pass

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

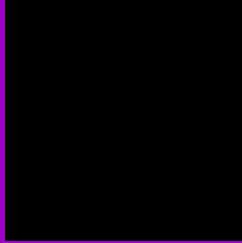
Any Text WCAG AA × Fail

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 9F00CC Background



This preview shows how black text looks on a background with the Hex color 9F00CC.

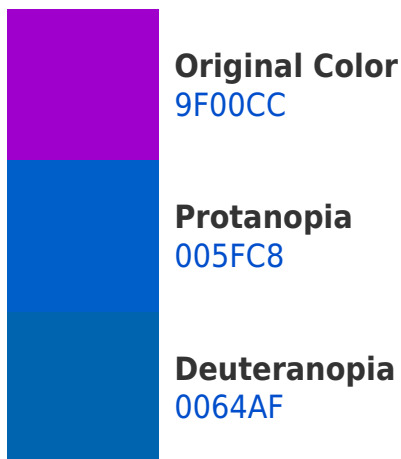


This preview shows how white text looks on a background with the Hex color 9F00CC.

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
8D5056

Trichromacy



Original Color
9F00CC



Protanomaly
3A3CC9



Deuteranomaly
3A40BA



Tritanomaly
943381

Monochromacy



Original Color
9F00CC



Achromatopsia
474747



Achromatomaly
672D77

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F00CC 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 #9F00CC looks like.

```
.text, #text, p{  
    color:#9F00CC  
}
```

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 #9F00CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F00CC
}
```

Border

The CSS property to change the border of an element to Hex 9F00CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

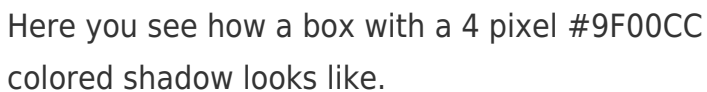
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F00CC }
```

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

```
.border{ border-color:#9F00CC }
```

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



Here you see how a box with a 4 pixel #9F00CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F00CC; -webkit-box-shadow:4px 4px  
4px 4px #9F00CC; box-shadow:4px 4px 4px  
4px #9F00CC }
```

Background

The CSS property to change the background color of an element to Hex 9F00CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F00CC }
```

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

```
.background{ background-color:#9F00CC }
```

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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