

Converting Colors

Hex(9F0CEE)

Have a look what the booklet for
Hex(9F0CEE) contains.

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Color

Hex(9F0CEE)

Conversions

Conversions Part 1

Format	Color
Hex	9F0CEE
RGB	159, 12, 238
RGB Percent	62%, 5%, 93%
CMY	0.3765, 0.9529, 0.0667
CMYK	0.33, 0.95, 0.00, 0.07
HSL	279°, 90%, 49%
HSV	279°, 95%, 93%
XYZ	29.8622, 13.8069, 81.9800
YIQ	81.7170, 15.0660, 101.4500

Conversions

Conversions Part 2

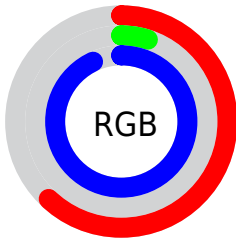
Format	Color
RYB	159, 12, 238
Decimal	10423534
CIELab	43.95, 81.48, -78.58
CIElCh	44, 113.199, 316.041
Yxy	13.8069, 0.2377, 0.1099
Android (android.graphics.Color)	4288613614 (0xFF9F0CEE)
YUV	81.7170, 77.0475, 67.7772
Hunter-Lab	37.1577, 78.4276, -104.7997

Details

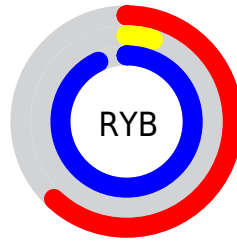
The Hex color **9F0CEE** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **5BEE0C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **DC5AFF**, and **6200B5** is the 20% darker color. If you saturate the color by 10%, you get **9B00EE**, and if you desaturate by 10%, it is **A724EE**.

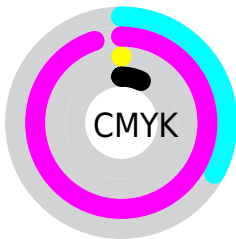
Distribution



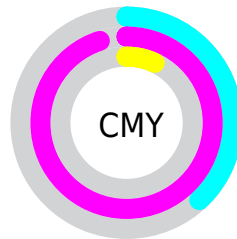
- Red (62%)
- Green (5%)
- Blue (93%)



- Red (62%)
- Yellow (5%)
- Blue (93%)



- Cyan (33%)
- Magenta (95%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (95%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9F0CEE 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 9F0CEE by changing the saturation by 10% instead.

 9F0CEE

 9F0CEE

FFFFFF

 8100D1

 DC5AFF

 6200B5

 FB77FF

 420099

 FF95FF

 1B007E

 FFB2FF

 000064

 FFCFFF

 00004B

 FFEEDF

 000433

 00021D

 000000

■ 9F0CEE

■ 9F0CEE

■ 9B00EE

■ A724EE

■ B03CEE

■ B853EE

■ C06BEE

■ C983EE

■ D19BEE

■ D9B3EE

■ E2CAEE

■ EAE2EE

Harmonies

Analogous

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



0066FF



9F0CEE



EF0098

Triad

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



9F0CEE



A25300



00889A

Complementary

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



9F0CEE



5BEE0C

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.



008636



9F0CEE



4E7300

Square

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



9F0CEE



DE0000



008100



0089F1

Rectangle

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



9F0CEE



FE005B



008100



00887A

Sweetspot

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



9F0CEE



E6B8FF



0C5BEE



705480



000000



808080

Same Dimension

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



9F0CEE



A600FF



EE0CCC



746C78



7700B8



240038

Inverse Universe

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



EE0C5B



FF0059



0CEE2E



786C70



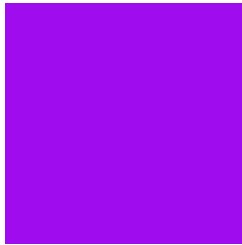
B80040



380014

Previews

White Background



This preview shows how the Hex color 9F0CEE looks on a white background.

Color Contrast Check

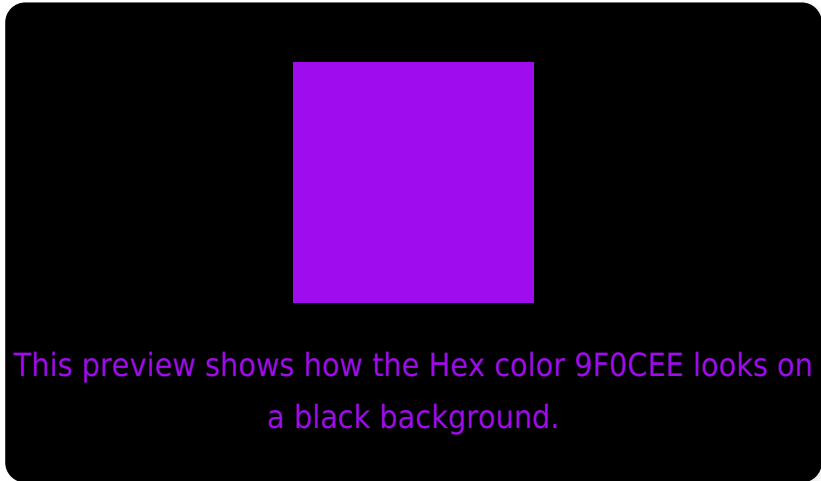
Large Text (above 18pt) WCAG AA ✓ Pass

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

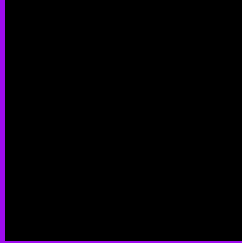
Any Text WCAG AA × Fail

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 9F0CEE Background



This preview shows how black text looks on a background with the Hex color 9F0CEE.

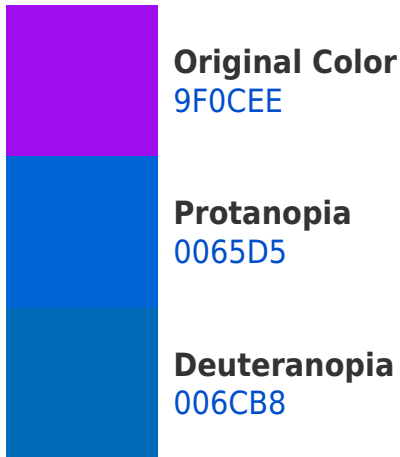



This preview shows how white text looks on a background with the Hex color 9F0CEE.

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
865D65

Trichromacy



Original Color
9F0CEE



Protanomaly
3A45DE



Deuteranomaly
3A49CC



Tritanomaly
8F4097

Monochromacy



Original Color
9F0CEE



Achromatopsia
525252



Achromatomaly
6E398B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F0CEE 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 #9F0CEE looks like.

```
.text, #text, p{  
    color:#9F0CEE  
}
```

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 #9F0CEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F0CEE
}
```

Border

The CSS property to change the border of an element to Hex 9F0CEE 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".

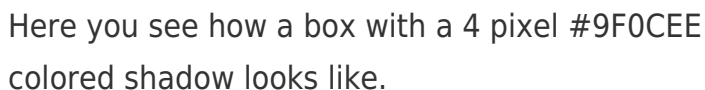
```
.border, #border, table{ border:4px solid
#9F0CEE }
```

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

```
.border{ border-color:#9F0CEE }
```

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

Here you see how a box with a 4 pixel #9F0CEE 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 #9F0CEE; -webkit-box-shadow:4px 4px  
4px 4px #9F0CEE; box-shadow:4px 4px 4px  
4px #9F0CEE }
```

Background

The CSS property to change the background color of an element to Hex 9F0CEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F0CEE }
```

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

```
.background{ background-color:#9F0CEE }
```

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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