

Converting Colors

Hex(9A2DEE)

Have a look what the booklet for
Hex(9A2DEE) contains.

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Color

Hex(9A2DEE)

Conversions

Conversions Part 1

Format	Color
Hex	9A2DEE
RGB	154, 45, 238
RGB Percent	60%, 18%, 93%
CMY	0.3961, 0.8235, 0.0667
CMYK	0.35, 0.81, 0.00, 0.07
HSL	274°, 85%, 55%
HSV	274°, 81%, 93%
XYZ	29.6974, 14.9198, 82.2035
YIQ	99.5930, 3.0110, 83.1310

Conversions

Conversions Part 2

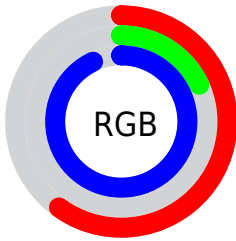
Format	Color
RYB	154, 45, 238
Decimal	10104302
CIELab	45.52, 74.09, -76.04
CIELCh	46, 106.167, 314.259
Yxy	14.9198, 0.2342, 0.1176
Android (android.graphics.Color)	4288294382 (0xFF9A2DEE)
YUV	99.5930, 68.2347, 47.7149
Hunter-Lab	38.6262, 69.6423, -99.1414

Details

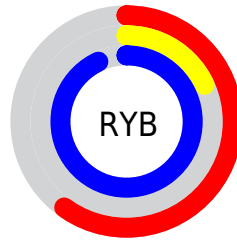
The Hex color **9A2DEE** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **81EE2D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D669FF**, and **5D00B5** is the 20% darker color. If you saturate the color by 10%, you get **9015EE**, and if you desaturate by 10%, it is **A445EE**.

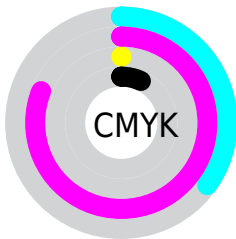
Distribution



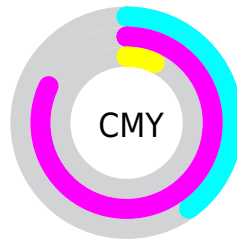
- Red (60%)
- Green (18%)
- Blue (93%)



- Red (60%)
- Yellow (18%)
- Blue (93%)



- Cyan (35%)
- Magenta (81%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (82%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A2DEE 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 9A2DEE by changing the saturation by 10% instead.

 9A2DEE

 9A2DEE

FFFFFF

 7C00D1

 D669FF

 5D00B5

 F585FF

 3D0099

 FFA2FF

 14007E

 FFBEFF

 000064

 FFDCFF

 00004B

 FFF9FF

 000433

 00021D

 000000

 9A2DEE

 9A2DEE

 9015EE

 A445EE

 8600EE

 AF5DEE

 B974EE

 C38CEE

 CEA4EE

 D8BCEE

 E3D4EE

 EDEBEE

 F7FFEE

Harmonies

Analogous

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



006CFF



9A2DEE



EA009E

Triad

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



9A2DEE



A95600



008C96

Complementary

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



9A2DEE



81EE2D

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.



008937



9A2DEE



5C7500

Square

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



9A2DEE



E00000



008300



008CE9

Rectangle

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



9A2DEE



FB0064



008300



008B77

Sweetspot

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



9A2DEE



E4C2FF



2D84EE



6F5B80



000000



808080

Same Dimension

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



9A2DEE



9308FF



EE2DE4



736C78



6800B8



200038

Inverse Universe

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



EE2D81



FF0873



2DEE37



786C71



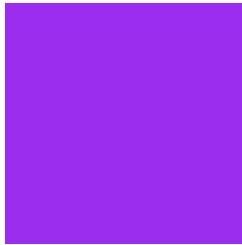
B80050



380018

Previews

White Background



This preview shows how the Hex color 9A2DEE looks on a white background.

Color Contrast Check

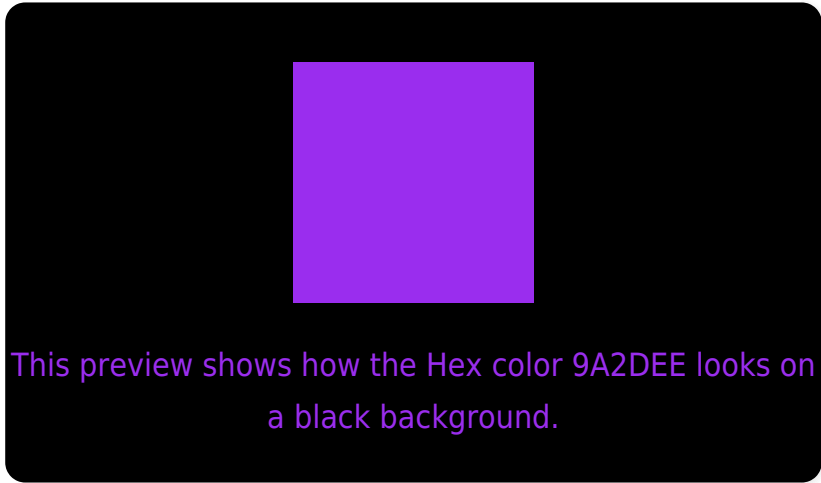
Large Text (above 18pt) WCAG AA ✓ Pass

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

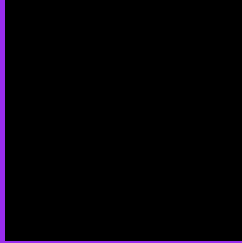
Any Text WCAG AA × Fail

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 9A2DEE Background



This preview shows how black text looks on a background with the Hex color 9A2DEE.

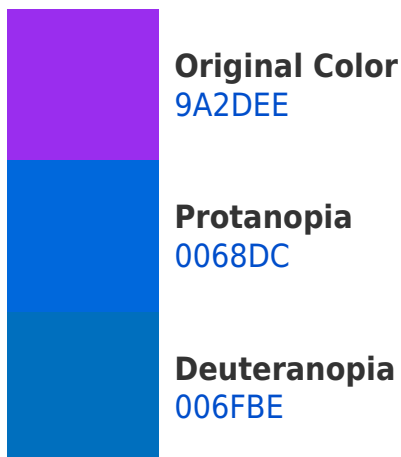



This preview shows how white text looks on a background with the Hex color 9A2DEE.

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
81646C

Trichromacy



Original Color
9A2DEE



Protanomaly
3853E3



Deuteranomaly
3857CF



Tritanomaly
8A509B

Monochromacy



Original Color
9A2DEE



Achromatopsia
646464



Achromatomaly
785096

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A2DEE 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 #9A2DEE looks like.

```
.text, #text, p{  
    color:#9A2DEE  
}
```

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 #9A2DEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A2DEE
}
```

Border

The CSS property to change the border of an element to Hex 9A2DEE 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".

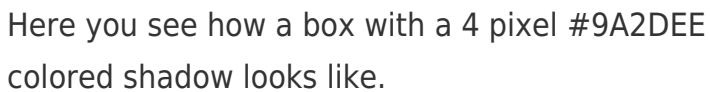
```
.border, #border, table{ border:4px solid
#9A2DEE }
```

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

```
.border{ border-color:#9A2DEE }
```

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

Here you see how a box with a 4 pixel #9A2DEE 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 #9A2DEE; -webkit-box-shadow:4px 4px  
4px 4px #9A2DEE; box-shadow:4px 4px 4px  
4px #9A2DEE }
```

Background

The CSS property to change the background color of an element to Hex 9A2DEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A2DEE }
```

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

```
.background{ background-color:#9A2DEE }
```

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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