

Converting Colors

Hex(9F00ED)

Have a look what the booklet for
Hex(9F00ED) contains.

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Color

Hex(9F00ED)

Conversions

Conversions Part 1

Format	Color
Hex	9F00ED
RGB	159, 0, 237
RGB Percent	62%, 0%, 93%
CMY	0.3765, 1.0000, 0.0706
CMYK	0.33, 1.00, 0.00, 0.07
HSL	280°, 100%, 46%
HSV	280°, 100%, 93%
XYZ	29.5841, 13.4854, 81.1644
YIQ	74.5590, 18.6870, 107.4150

Conversions

Conversions Part 2

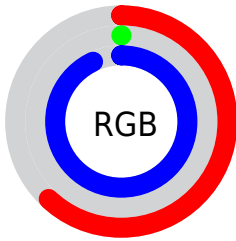
Format	Color
R_{YB}	159, 0, 237
Decimal	10420461
CIE _{Lab}	43.49, 82.45, -78.78
CIE _{LCh}	43, 114.036, 316.303
Yxy	13.4854, 0.2381, 0.1085
Android (android.graphics.Color)	4288610541 (0xFF9F00ED)
YUV	74.5590, 80.0834, 74.0548
Hunter-Lab	36.7224, 79.5381, -105.3380

Details

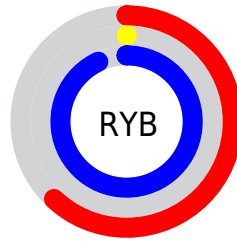
The Hex color **9F00ED** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **4EED00**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **DC57FF**, and **6200B4** is the 20% darker color. If you saturate the color by 10%, you get **9F00ED**, and if you desaturate by 10%, it is **A718ED**.

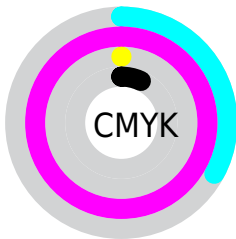
Distribution



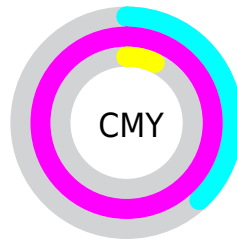
- Red (62%)
- Green (0%)
- Blue (93%)



- Red (62%)
- Yellow (0%)
- Blue (93%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9F00ED 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 9F00ED by changing the saturation by 10% instead.

 9F00ED

 9F00ED

FFFFFF

 8100D0

 DC57FF

 6200B4

 FB75FF

 420098

 FF92FF

 1C007D

 FFAFFF

 000063

 FFCDFE

 00004A

 FFE8FF

 000432

 00021C

 000000

 9F00ED

 A718ED

 AF2FED

 B647ED

 BE5FED

 C676ED

 CE8EED

 D6A6ED

 DDBEED

 E5D5ED

Harmonies

Analogous

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



0065FF



9F00ED



EF0096

Triad

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



9F00ED



A05200



00879A

Complementary

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



9F00ED



4EED00

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.



008535



9F00ED



4B7200

Square

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



9F00ED



DD0000



008000



0088F2

Rectangle

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



9F00ED



FE0059



008000



00867A

Sweetspot

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



9F00ED



E6B3FF



004FED



705280



000000



808080

Same Dimension

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



9F00ED



AB00FF



ED00C5



716A75



7900B5



240036

Inverse Universe

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



ED004E



FF0054



00ED27



756A6D



B5003C



360012

Previews

White Background



This preview shows how the Hex color 9F00ED looks on a white background.

Color Contrast Check

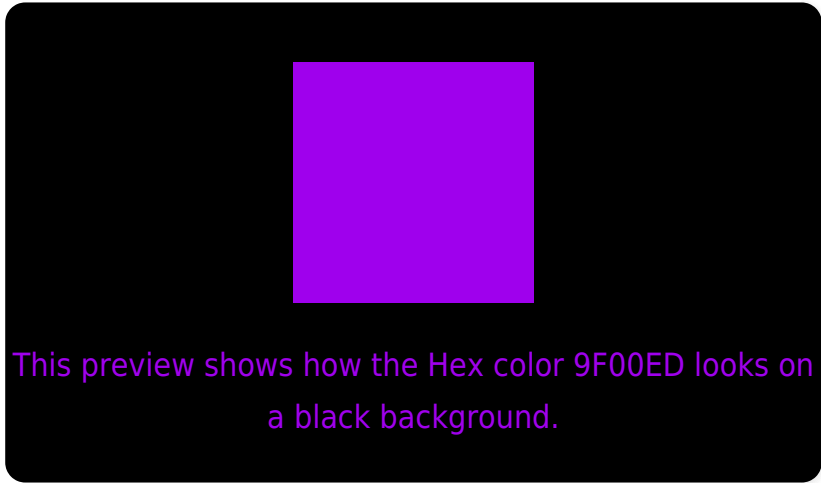
Large Text (above 18pt) WCAG AA ✓ Pass

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

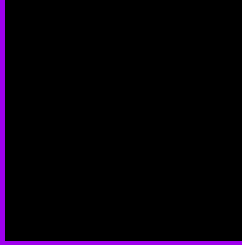
Any Text WCAG AA × Fail

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 9F00ED Background



This preview shows how black text looks on a background with the Hex color 9F00ED.

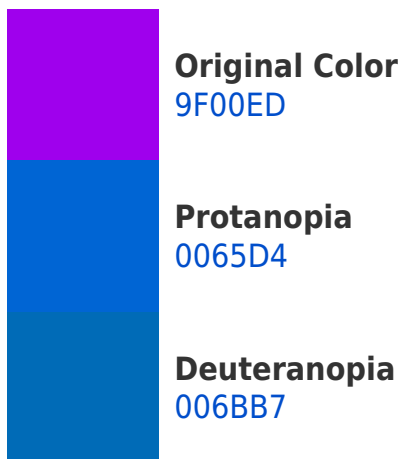



This preview shows how white text looks on a background with the Hex color 9F00ED.

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
865D64

Trichromacy



Original Color
9F00ED



Protanomaly
3A40DD



Deuteranomaly
3A44CB



Tritanomaly
8F3B96

Monochromacy



Original Color
9F00ED



Achromatopsia
4B4B4B



Achromatomaly
6A3086

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F00ED 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 #9F00ED looks like.

```
.text, #text, p{  
    color:#9F00ED  
}
```

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 #9F00ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F00ED
}
```

Border

The CSS property to change the border of an element to Hex 9F00ED 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".

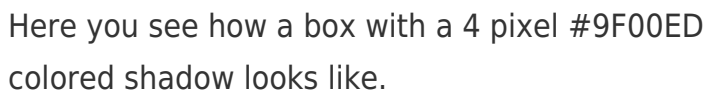
```
.border, #border, table{ border:4px solid
#9F00ED }
```

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

```
.border{ border-color:#9F00ED }
```

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

Here you see how a box with a 4 pixel #9F00ED colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #9F00ED colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F00ED; -webkit-box-shadow:4px 4px  
4px 4px #9F00ED; box-shadow:4px 4px 4px  
4px #9F00ED }
```

Background

The CSS property to change the background color of an element to Hex 9F00ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F00ED }
```

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

```
.background{ background-color:#9F00ED }
```

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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