

Converting Colors

Hex(9700EE)

Have a look what the booklet for
Hex(9700EE) contains.

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Color

Hex(9700EE)

Conversions

Conversions Part 1

Format	Color
Hex	9700EE
RGB	151, 0, 238
RGB Percent	59%, 0%, 93%
CMY	0.4078, 1.0000, 0.0667
CMYK	0.37, 1.00, 0.00, 0.07
HSL	278°, 100%, 47%
HSV	278°, 100%, 93%
XYZ	28.1951, 12.7524, 81.8643
YIQ	72.2810, 13.5980, 106.0300

Conversions

Conversions Part 2

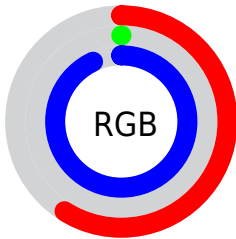
Format	Color
RYB	151, 0, 238
Decimal	9896174
CIELab	42.39, 81.79, -81.19
CIELCh	42, 115.249, 315.211
Yxy	12.7524, 0.2296, 0.1038
Android (android.graphics.Color)	4288086254 (0xFF9700EE)
YUV	72.2810, 81.6995, 69.0366
Hunter-Lab	35.7104, 78.4411, -110.9219

Details

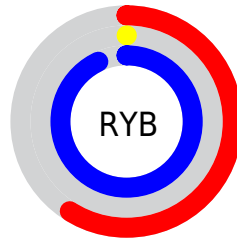
The Hex color **9700EE** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark washed purple. A complement of this color would be **57EE00**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D455FF**, and **5900B5** is the 20% darker color. If you saturate the color by 10%, you get **9700EE**, and if you desaturate by 10%, it is **A018EE**.

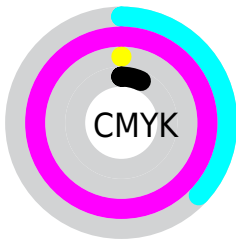
Distribution



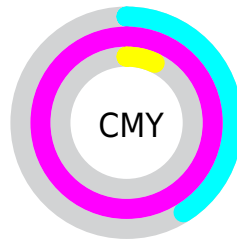
- Red (59%)
- Green (0%)
- Blue (93%)



- Red (59%)
- Yellow (0%)
- Blue (93%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (41%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9700EE 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 9700EE by changing the saturation by 10% instead.

 9700EE

 9700EE

FFFFFF

 7800D1

 D455FF

 5900B5

 F373FF

 370099

 FF90FF

 04007E

 FFADFF

 000064

 FFCBFF

 00044B

 FFE9FF

 000433

 00021D

 000000

 9700EE

 A018EE

 A830EE

 B147EE

 BA5FEE

 C277EE

 CB8FEE

 D4A7EE

 DDBEEE

 E5D6EE

Harmonies

Analogous

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



0064FF



9700EE



EB0097

Triad

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



9700EE



A04E00



008494

Complementary

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



9700EE



57EE00

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.



00812E



9700EE



4C6F00

Square

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



9700EE



DC0000



007C00



0086ED

Rectangle

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



9700EE



FB0059



007C00



008373

Sweetspot

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



9700EE



E3B3FF



0057EE



6F5280



000000



808080

Same Dimension

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



9700EE



A200FF



EE00CE



736C78



7400B8



240038

Inverse Universe

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



EE0057



FF005D



00EE20



786C70



B80043



380015

Previews

White Background



This preview shows how the Hex color 9700EE looks on a white background.

Color Contrast Check

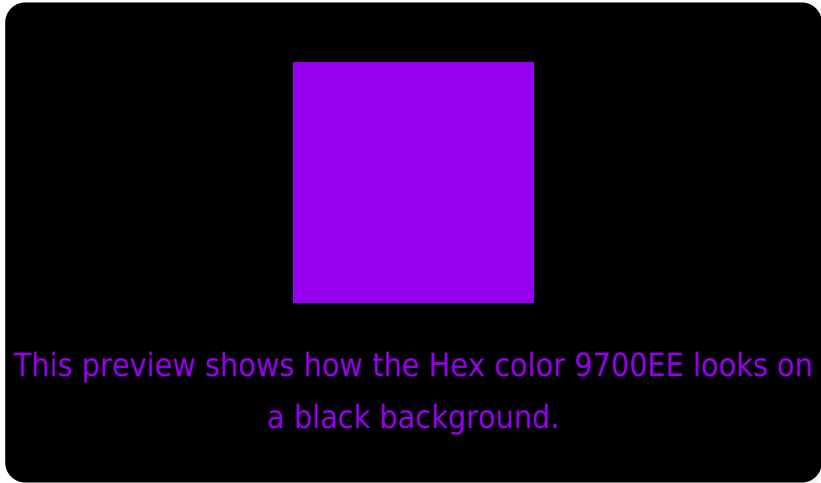
Large Text (above 18pt) WCAG AA ✓ Pass

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

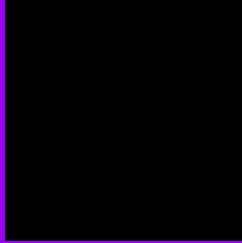
Any Text WCAG AA × Fail

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 9700EE Background



This preview shows how black text looks on a background with the Hex color 9700EE.



This preview shows how white text looks on a background with the Hex color 9700EE.

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



Original Color
9700EE

Protanopia
0062CE

Deuteranopia
0068B2



Tritanopia
7C5D64

Trichromacy



Original Color
9700EE



Protanomaly
373EDA



Deuteranomaly
3742C8



Tritanomaly
863B96

Monochromacy



Original Color
9700EE



Achromatopsia
484848



Achromatomaly
652E84

CSS Examples

Text

The CSS property to change the color of the text to Hex 9700EE 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 #9700EE looks like.

```
.text, #text, p{  
    color:#9700EE  
}
```

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 #9700EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9700EE
}
```

Border

The CSS property to change the border of an element to Hex 9700EE 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".

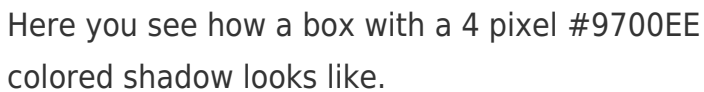
```
.border, #border, table{ border:4px solid
#9700EE }
```

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

```
.border{ border-color:#9700EE }
```

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

Here you see how a box with a 4 pixel #9700EE 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 #9700EE; -webkit-box-shadow:4px 4px  
4px 4px #9700EE; box-shadow:4px 4px 4px  
4px #9700EE }
```

Background

The CSS property to change the background color of an element to Hex 9700EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9700EE }
```

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

```
.background{ background-color:#9700EE }
```

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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