

Converting Colors

Hex(9D00E4)

Have a look what the booklet for
Hex(9D00E4) contains.

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Color

Hex(9D00E4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9D00E4 |
| RGB | 157, 0, 228 |
| RGB Percent | 62%, 0%, 89% |
| CMY | 0.3843, 1.0000, 0.1059 |
| CMYK | 0.31, 1.00, 0.00, 0.11 |
| HSL | 281°, 100%, 45% |
| HSV | 281°, 100%, 89% |
| XYZ | 27.9082, 12.7695, 74.3926 |
| YIQ | 72.9350, 20.3840, 104.1920 |

Conversions

Conversions Part 2

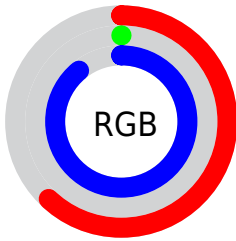
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 157, 0, 228 |
| Decimal | 10289380 |
| CIE _{Lab} | 42.41, 80.54, -75.44 |
| CIE _{LCh} | 42, 110.355, 316.875 |
| Yxy | 12.7695, 0.2425, 0.1110 |
| Android (android.graphics.Color) | 4288479460 (0xFF9D00E4) |
| YUV | 72.9350, 76.4470, 73.7250 |
| Hunter-Lab | 35.7345, 76.8711, -98.4167 |

Details

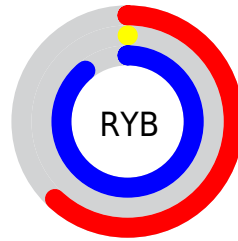
The Hex color **9D00E4** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **47E400**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **DA56FF**, and **6100AB** is the 20% darker color. If you saturate the color by 10%, you get **9D00E4**, and if you desaturate by 10%, it is **A417E4**.

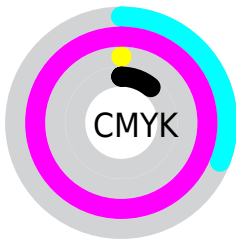
Distribution



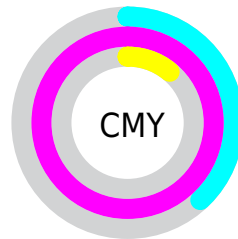
- Red (62%)
- Green (0%)
- Blue (89%)



- Red (62%)
- Yellow (0%)
- Blue (89%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D00E4 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 9D00E4 by changing the saturation by 10% instead.

 9D00E4

 9D00E4

FFFFFF

 7F00C7

 DA56FF

 6100AB

 F873FF

 410090

 FF91FF

 1E0075

 FFAEFF

 00005B

 FFCBFF

 000343

 FFE9FF

 00032B

 000116

 000000

 9D00E4

 A417E4

 AB2EE4

 B244E4

 B95BE4

 C172E4

 C889E4

 CFA0E4

 D6B6E4

 DDCDE4

Harmonies

Analogous

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



0061FF



9D00E4



E90090

Triad

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



9D00E4



9B5100



008498

Complementary

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



9D00E4



47E400

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.



008136



9D00E4



487000

Square

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



9D00E4



D50000



007C00



0085EB

Rectangle

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



9D00E4



F60055



007C00



008378

Sweetspot

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



9D00E4



E7B3FF



0048E4



715280



000000



808080

Same Dimension

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



9D00E4



B000FF



E400BA



6F6773



7B00B3



230033

Inverse Universe

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



E40047



FF004F



00E42A



73676B



B30038



330010

Previews

White Background



This preview shows how the Hex color 9D00E4 looks on a white background.

Color Contrast Check

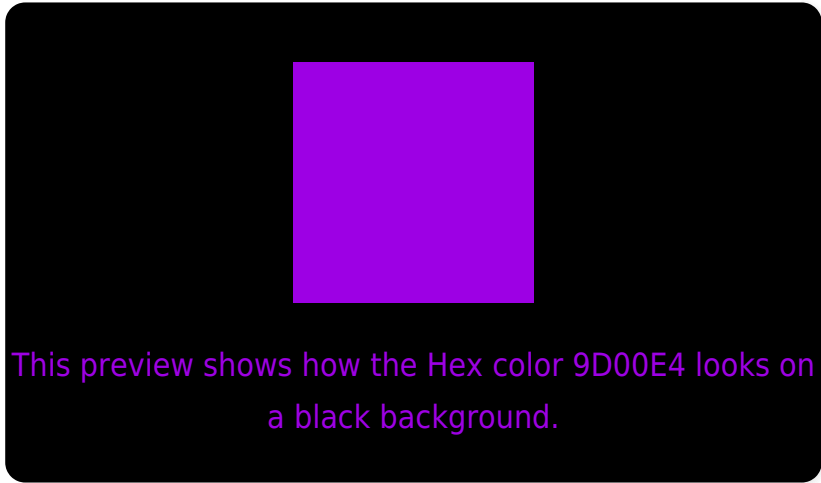
Large Text (above 18pt) WCAG AA ✓ Pass

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

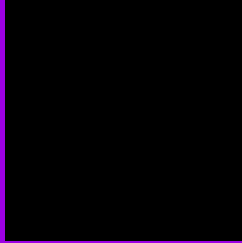
Any Text WCAG AA × Fail

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 9D00E4 Background



This preview shows how black text looks on a background with the Hex color 9D00E4.



This preview shows how white text looks on a background with the Hex color 9D00E4.

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
9D00E4

Protanopia
0062CF

Deuteranopia
0068B3



Tritanopia
865960

Trichromacy



Original Color
9D00E4



Protanomaly
393ED7



Deuteranomaly
3942C5



Tritanomaly
8E3990

Monochromacy



Original Color
9D00E4



Achromatopsia
494949



Achromatomaly
682E81

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D00E4 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 #9D00E4 looks like.

```
.text, #text, p{  
    color:#9D00E4  
}
```

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 #9D00E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D00E4
}
```

Border

The CSS property to change the border of an element to Hex 9D00E4 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".

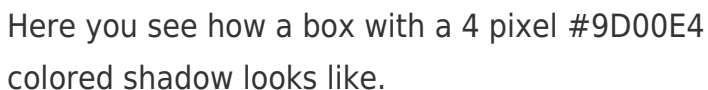
```
.border, #border, table{ border:4px solid
#9D00E4 }
```

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

```
.border{ border-color:#9D00E4 }
```

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

Here you see how a box with a 4 pixel #9D00E4 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 describes the visual result.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D00E4; -webkit-box-shadow:4px 4px  
4px 4px #9D00E4; box-shadow:4px 4px 4px  
4px #9D00E4 }
```

Background

The CSS property to change the background color of an element to Hex 9D00E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D00E4 }
```

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

```
.background{ background-color:#9D00E4 }
```

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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