

Converting Colors

Hex(9400E9)

Have a look what the booklet for
Hex(9400E9) contains.

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Color

Hex(9400E9)

Conversions

Conversions Part 1

Format	Color
Hex	9400E9
RGB	148, 0, 233
RGB Percent	58%, 0%, 91%
CMY	0.4196, 1.0000, 0.0863
CMYK	0.36, 1.00, 0.00, 0.09
HSL	278°, 100%, 46%
HSV	278°, 100%, 91%
XYZ	26.9207, 12.1791, 78.0227
YIQ	70.8140, 13.4150, 103.8390

Conversions

Conversions Part 2

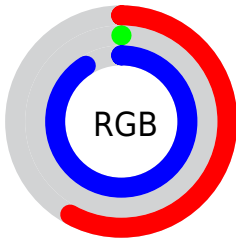
Format	Color
R_{YB}	148, 0, 233
Decimal	9699561
CIE _{Lab}	41.50, 80.52, -79.83
CIE _{LCh}	41, 113.389, 315.245
Yxy	12.1791, 0.2299, 0.1040
Android (android.graphics.Color)	4287889641 (0xFF9400E9)
YUV	70.8140, 79.9577, 67.6921
Hunter-Lab	34.8986, 76.6223, -108.1257

Details

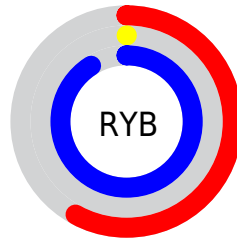
The Hex color **9400E9** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **55E900**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D154FF**, and **5600B0** is the 20% darker color. If you saturate the color by 10%, you get **9400E9**, and if you desaturate by 10%, it is **9D17E9**.

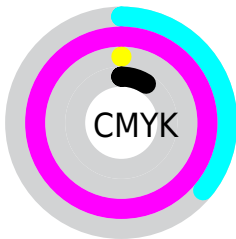
Distribution



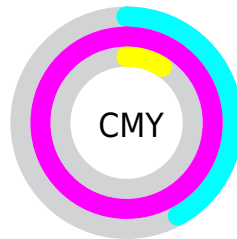
- Red (58%)
- Green (0%)
- Blue (91%)



- Red (58%)
- Yellow (0%)
- Blue (91%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9400E9 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 9400E9 by changing the saturation by 10% instead.

 9400E9

 9400E9

FFFFFF

 7500CC

 D154FF

 5600B0

 F072FF

 340094

 FF8FFF

 020079

 FFACFF

 00005F

 FFC9FF

 000746

 FFE7FF

 00042F

 000119

 000000

 9400E9

 9D17E9

 A52FE9

 AE46E9

 B65DE9

 BF75E9

 C78CE9

 D0A3E9

 D8BAE9

 E1D2E9

Harmonies

Analogous

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



0062FF



9400E9



E70094

Triad

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



9400E9



9D4C00



008191

Complementary

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



9400E9



55E900

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.



007F2D



9400E9



4A6D00

Square

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



9400E9



D70000



007A00



0083E9

Rectangle

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



9400E9



F60057



007A00



008171

Sweetspot

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



9400E9



E3B3FF



0055E9



6F5280



000000



808080

Same Dimension

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



9400E9



A200FF



E900CA



716A75



7300B5



220036

Inverse Universe

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



E90055



FF005D



00E91F



756A6E



B50042



360014

Previews

White Background



This preview shows how the Hex color 9400E9 looks on a white background.

Color Contrast Check

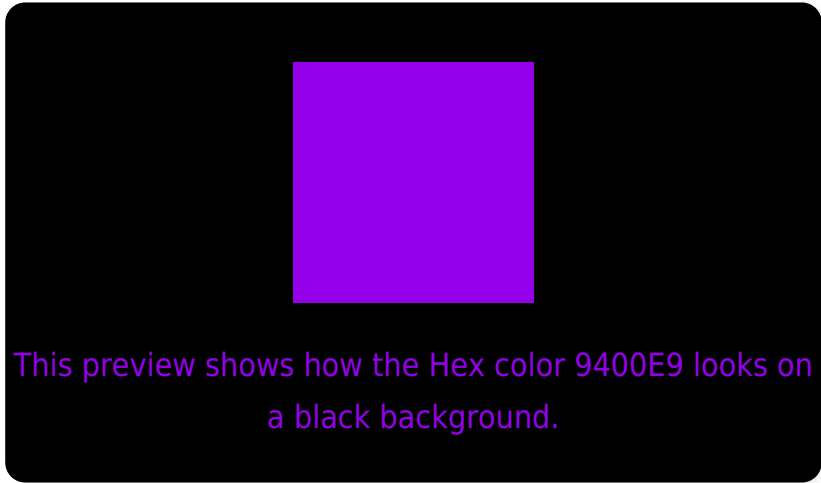
Large Text (above 18pt) WCAG AA ✓ Pass

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

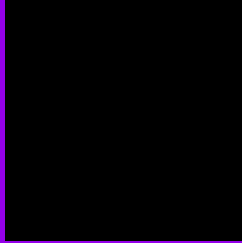
Any Text WCAG AA × Fail

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 9400E9 Background



This preview shows how black text looks on a background with the Hex color 9400E9.



This preview shows how white text looks on a background with the Hex color 9400E9.

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
9400E9

Protanopia
0060CA

Deuteranopia
0066AE



Tritanopia
7A5B62

Trichromacy



Original Color
9400E9



Protanomaly
363DD5



Deuteranomaly
3641C3



Tritanomaly
833A93

Monochromacy



Original Color
9400E9



Achromatopsia
474747



Achromatomaly
632D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 9400E9 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 #9400E9 looks like.

```
.text, #text, p{  
    color:#9400E9  
}
```

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 #9400E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9400E9
}
```

Border

The CSS property to change the border of an element to Hex 9400E9 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".

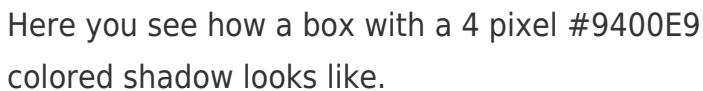
```
.border, #border, table{ border:4px solid
#9400E9 }
```

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

```
.border{ border-color:#9400E9 }
```

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

Here you see how a box with a 4 pixel #9400E9 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, 4px blur, and 4px spread, colored #9400E9.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9400E9; -webkit-box-shadow:4px 4px  
4px 4px #9400E9; box-shadow:4px 4px 4px  
4px #9400E9 }
```

Background

The CSS property to change the background color of an element to Hex 9400E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9400E9 }
```

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

```
.background{ background-color:#9400E9 }
```

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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