

Converting Colors

Hex(9400AE)

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

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Color

Hex(9400AE)

Conversions

Conversions Part 1

Format	Color
Hex	9400AE
RGB	148, 0, 174
RGB Percent	58%, 0%, 68%
CMY	0.4196, 1.0000, 0.3176
CMYK	0.15, 1.00, 0.00, 0.32
HSL	291°, 100%, 34%
HSV	291°, 100%, 68%
XYZ	19.8527, 9.3519, 40.8031
YIQ	64.0880, 32.3540, 85.4900

Conversions

Conversions Part 2

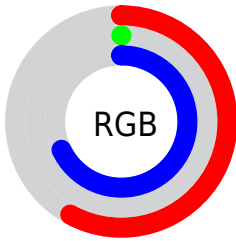
Format	Color
R_{YB}	148, 0, 174
Decimal	9699502
CIE _{Lab}	36.65, 69.71, -53.41
CIE _{LCh}	37, 87.819, 322.541
Yxy	9.3519, 0.2836, 0.1336
Android (android.graphics.Color)	4287889582 (0xFF9400AE)
YUV	64.0880, 54.1866, 73.5908
Hunter-Lab	30.5809, 62.3635, -57.7023

Details

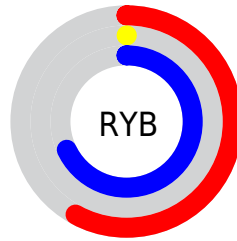
The Hex color **9400AE** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **1AAE00**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **CE50E6**, and **5B0078** is the 20% darker color. If you saturate the color by 10%, you get **9400AE**, and if you desaturate by 10%, it is **9711AE**.

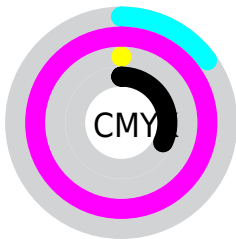
Distribution



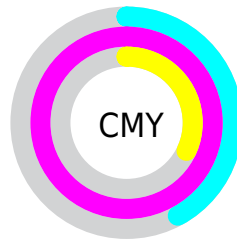
- Red (58%)
- Green (0%)
- Blue (68%)



- Red (58%)
- Yellow (0%)
- Blue (68%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (42%)
- Magenta (100%)
- Yellow (32%)
- Black (26%)

Brightness & Saturation Gradients

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

 9400AE

 9400AE

FFFFFF

 780093

 CE50E6

 5B0078

 EC6DFF

 40005F

 FF89FF

 250046

 FFA6FF

 00002F

 FFC2FF

 000119

 FFE0FF

 000000

FFFEFF

 9400AE

 9711AE

 9923AE

 9C34AE

 9E46AE

 A157AE

 A468AE

 A67AAE

 A98BAE

 AB9DAE

Harmonies

Analogous

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



004DDC



9400AE



C3006B

Triad

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



9400AE



794E00



00708B

Complementary

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



9400AE



1AAE00

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.



006F42



9400AE



346200

Square

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



9400AE



A91E00



006B00



006FC8

Rectangle

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



9400AE



C9003D



006B00



007073

Sweetspot

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



9400AE



D99FE3



001AAE



6D4973



F2F2F2



737373

Same Dimension

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



9400AE



C100E3



AE0071



554E57



800096



140017

Inverse Universe

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



AE001A



E30022



00AE3D



574E4F



960016



170003

Previews

White Background



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

Color Contrast Check

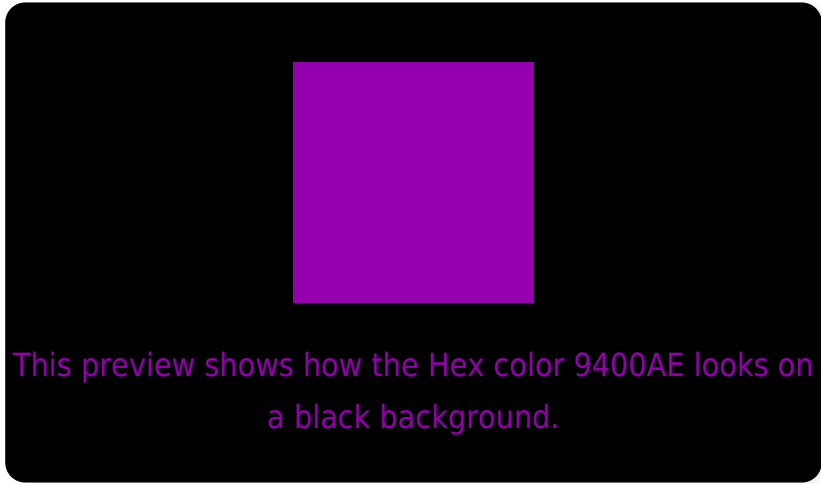
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

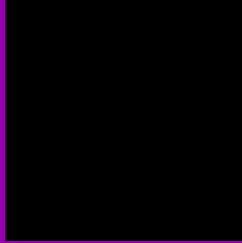
Any Text WCAG AA × Fail

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 9400AE Background



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



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

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
9400AE

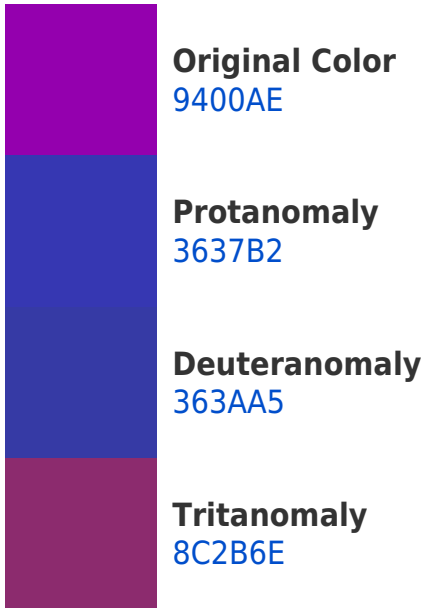
Protanopia
0056B5

Deuteranopia
005BA0

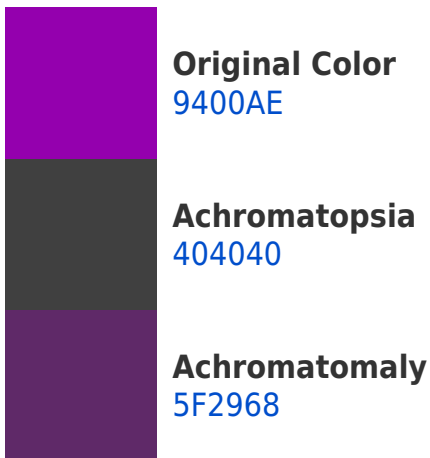


Tritanopia
874449

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9400AE colored shadow looks like.

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

Border

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

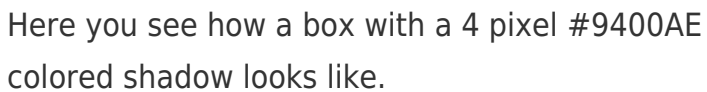
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



Here you see how a box with a 4 pixel #9400AE colored shadow looks like.

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

Background

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

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

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

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

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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