

# Converting Colors

Hex(9304AE)

Have a look what the booklet for  
Hex(9304AE) contains.

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**Color**

**Hex(9304AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9304AE
RGB	147, 4, 174
RGB Percent	58%, 2%, 68%
CMY	0.4235, 0.9843, 0.3176
CMYK	0.16, 0.98, 0.00, 0.32
HSL	290°, 96%, 35%
HSV	290°, 98%, 68%
XYZ	19.7160, 9.3459, 40.8092
YIQ	66.1370, 30.6580, 83.1860

# Conversions

## Conversions Part 2

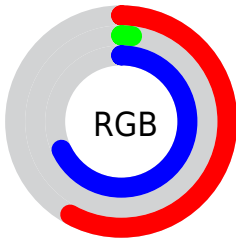
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 4, 174
Decimal	9634990
CIE <sub>Lab</sub>	36.64, 69.08, -53.44
CIE <sub>LCh</sub>	37, 87.333, 322.275
Yxy	9.3459, 0.2822, 0.1338
Android (android.graphics.Color)	4287825070 (0xFF9304AE)
YUV	66.1370, 53.1765, 70.9169
Hunter-Lab	30.5710, 61.6199, -57.7464

# Details

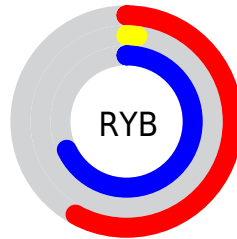
The Hex color **9304AE** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **1FAE04**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **CD51E6**, and **5B0078** is the 20% darker color. If you saturate the color by 10%, you get **9200AE**, and if you desaturate by 10%, it is **9615AE**.

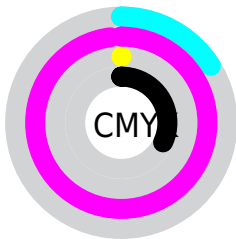
# Distribution



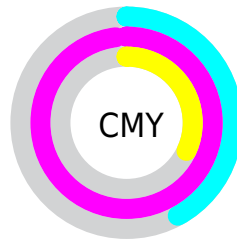
- Red (58%)
- Green (2%)
- Blue (68%)



- Red (58%)
- Yellow (2%)
- Blue (68%)



- Cyan (16%)
- Magenta (98%)
- Yellow (0%)
- Black (32%)



- Cyan (42%)
- Magenta (98%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9304AE 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 9304AE by changing the saturation by 10% instead.





9304AE



9304AE

FFFFFF



770093



CD51E6



5B0078



EB6DFF



3F005F



FF8AFF



240046



FFA6FF



00002F



FFC3FF



000119



FFE0FF



000000



FFFEFF



9304AE



9304AE

■ 9200AE

■ 9615AE

■ 9927AE

■ 9B38AE

■ 9E4AAE

■ A15BAE

■ A46CAE

■ A67EAE

■ A98FAE

■ ACA1AE

# Harmonies

## Analogous

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



004DDC



9304AE



C2006C

# Triad

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



9304AE



794D00



00708A

# Complementary

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



9304AE



1FAE04

# 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.



006F41



9304AE



356200

# Square

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



9304AE



A91E00



006B00



006FC7

# Rectangle

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



9304AE



C9003E



006B00



007073



# Sweetspot

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



9304AE



D8A1E3



0420AE



6C4B73



F2F2F2



737373



# Same Dimension

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



9304AE



BF00E3



AE0475



554E57



7F0096



130017



# Inverse Universe

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



AE041F



E30024



04AE3D



574E4F



960018



170004



# Previews

## White Background



This preview shows how the Hex color 9304AE looks on a white background.

## Color Contrast Check

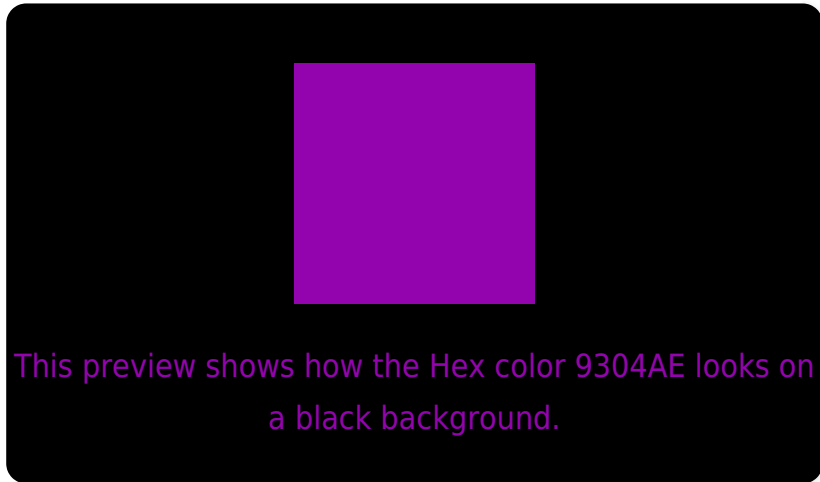
Large Text (above 18pt) WCAG AA ✓ Pass

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

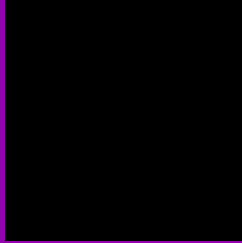
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9304AE Background



This preview shows how black text looks on a background with the Hex color 9304AE.

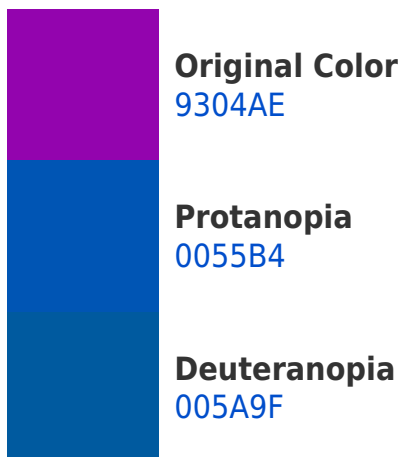



This preview shows how white text looks on a background with the Hex color 9304AE.

# 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**  
864449

# Trichromacy



**Original Color**  
9304AE



**Protanomaly**  
3538B2



**Deuteranomaly**  
353BA4



**Tritanomaly**  
8B2D6E

# Monochromacy



**Original Color**  
9304AE



**Achromatopsia**  
424242



**Achromatomaly**  
5F2B69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9304AE 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 #9304AE looks like.

```
.text, #text, p{  
    color:#9304AE  
}
```

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 #9304AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9304AE
}
```

## Border

The CSS property to change the border of an element to Hex 9304AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

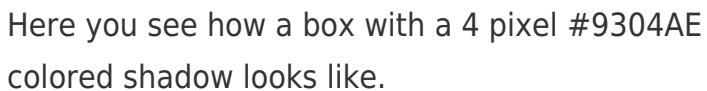
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9304AE }
```

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

```
.border{ border-color:#9304AE }
```

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



Here you see how a box with a 4 pixel #9304AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9304AE; -webkit-box-shadow:4px 4px  
4px 4px #9304AE; box-shadow:4px 4px 4px  
4px #9304AE }
```

# Background

The CSS property to change the background color of an element to Hex 9304AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9304AE }
```

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

```
.background{ background-color:#9304AE }
```

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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