

# Converting Colors

Hex(9303E2)

Have a look what the booklet for  
Hex(9303E2) contains.

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**Color**

**Hex(9303E2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9303E2
RGB	147, 3, 226
RGB Percent	58%, 1%, 89%
CMY	0.4235, 0.9882, 0.1137
CMYK	0.35, 0.99, 0.00, 0.11
HSL	279°, 97%, 45%
HSV	279°, 99%, 89%
XYZ	25.7927, 11.7592, 72.8618
YIQ	71.4780, 14.2410, 99.8810

# Conversions

## Conversions Part 2

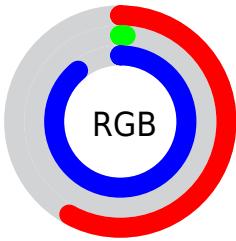
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 3, 226
Decimal	9634786
CIE Lab	40.83, 78.75, -76.95
CIE LCh	41, 110.104, 315.662
Yxy	11.7592, 0.2336, 0.1065
Android (android.graphics.Color)	4287824866 (0xFF9303E2)
YUV	71.4780, 76.1793, 66.2328
Hunter-Lab	34.2916, 74.2495, -101.9735

# Details

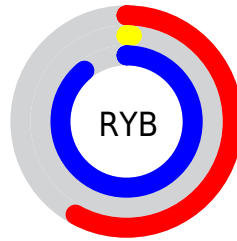
The Hex color **9303E2** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **52E203**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **CF54FF**, and **5600A9** is the 20% darker color. If you saturate the color by 10%, you get **9200E2**, and if you desaturate by 10%, it is **9B1AE2**.

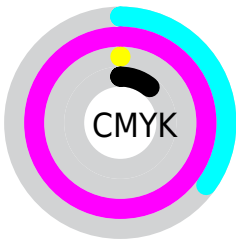
# Distribution



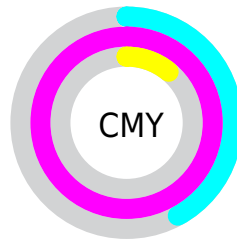
- Red (58%)
- Green (1%)
- Blue (89%)



- Red (58%)
- Yellow (1%)
- Blue (89%)



- Cyan (35%)
- Magenta (99%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (99%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9303E2 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 9303E2 by changing the saturation by 10% instead.



 9303E2

 9303E2

FFFFFF

 7500C5

 CF54FF

 5600A9

 EE72FF

 35008E

 FF8FFF

 0A0073

 FFACFF

 000059

 FFC9FF

 000741

 FFE7FF

 00032A

 000114

 000000

■ 9303E2

■ 9303E2

■ 9200E2

■ 9B1AE2

■ A330E2

■ AB47E2

■ B35DE2

■ BB74E2

■ C38BE2

■ CBA1E2

■ D3B8E2

■ DBCEE2

# Harmonies

## Analogous

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



0060FF



9303E2



E20090

# Triad

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



9303E2



994C00



007F90

# Complementary

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



9303E2



52E203

# 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.



007C2F



9303E2



486B00

# Square

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



9303E2



D20000



007800



0080E4

# Rectangle

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



9303E2



F00055



007800



007E70



# Sweetspot

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



9303E2



E4B3FF



0355E2



6F5280



000000



808080



# Same Dimension

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



9303E2



A500FF



E203C4



6C6570



7200B0



1F0030



# Inverse Universe

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



E20352



FF005A



03E221



706569



B0003E



300011



# Previews

## White Background



This preview shows how the Hex color 9303E2 looks on a white background.

## Color Contrast Check

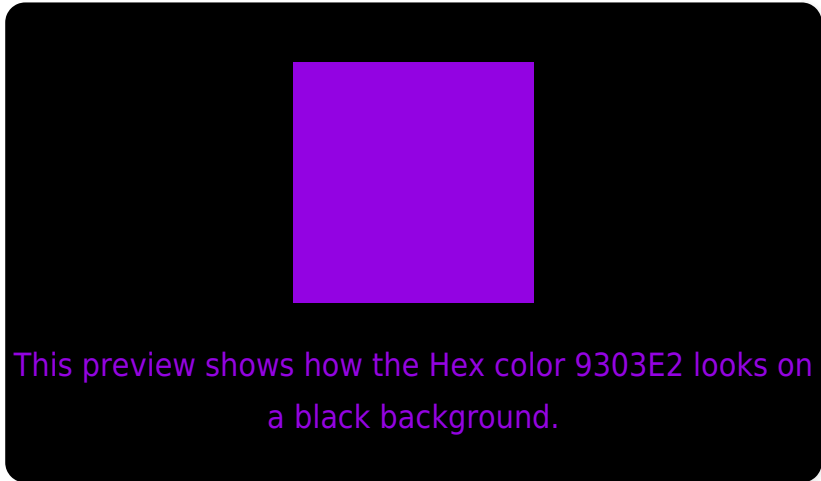
Large Text (above 18pt) WCAG AA ✓ Pass

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

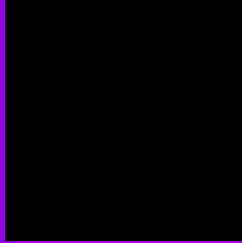
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9303E2 Background



This preview shows how black text looks on a background with the Hex color 9303E2.



This preview shows how white text looks on a background with the Hex color 9303E2.

# 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**  
9303E2

**Protanopia**  
005FC7

**Deuteranopia**  
0064AC



**Tritanopia**  
7A585F

# Trichromacy



**Original Color**  
9303E2



**Protanomaly**  
353ED1



**Deuteranomaly**  
3541C0



**Tritanomaly**  
83398F

# Monochromacy



**Original Color**  
9303E2



**Achromatopsia**  
474747



**Achromatomaly**  
632E7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9303E2 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 #9303E2 looks like.

```
.text, #text, p{  
  color:#9303E2  
}
```

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 #9303E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9303E2
}
```

## Border

The CSS property to change the border of an element to Hex 9303E2 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".

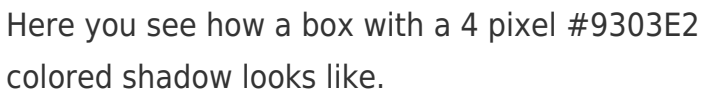
```
.border, #border, table{ border:4px solid
#9303E2 }
```

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

```
.border{ border-color:#9303E2 }
```

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

Here you see how a box with a 4 pixel #9303E2 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 #9303E2; -webkit-box-shadow:4px 4px  
4px 4px #9303E2; box-shadow:4px 4px 4px  
4px #9303E2 }
```

# Background

The CSS property to change the background color of an element to Hex 9303E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9303E2 }
```

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

```
.background{ background-color:#9303E2 }
```

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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