

# Converting Colors

Hex(9340B1)

Have a look what the booklet for  
Hex(9340B1) contains.

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**Color**

**Hex(9340B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9340B1
RGB	147, 64, 177
RGB Percent	58%, 25%, 69%
CMY	0.4235, 0.7490, 0.3059
CMYK	0.17, 0.64, 0.00, 0.31
HSL	284°, 47%, 47%
HSV	284°, 64%, 69%
XYZ	21.8018, 13.0442, 42.9637
YIQ	101.6990, 13.1950, 52.7390

# Conversions

## Conversions Part 2

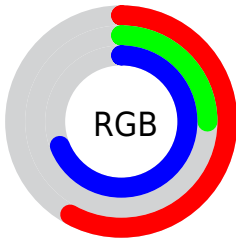
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 64, 177
Decimal	9650353
CIE <sub>Lab</sub>	42.83, 52.49, -45.26
CIE <sub>LCh</sub>	43, 69.314, 319.231
Yxy	13.0442, 0.2802, 0.1676
Android (android.graphics.Color)	4287840433 (0xFF9340B1)
YUV	101.6990, 37.1234, 39.7290
Hunter-Lab	36.1167, 44.5472, -45.2484

# Details

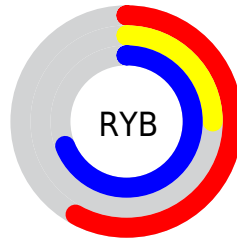
The Hex color **9340B1** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5EB140**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **CC75E9**, and **5D007C** is the 20% darker color. If you saturate the color by 10%, you get **8E2EB1**, and if you desaturate by 10%, it is **9852B1**.

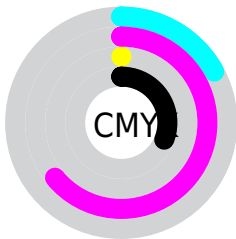
# Distribution



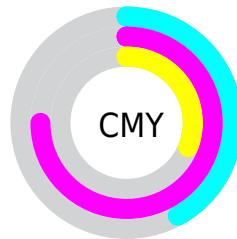
- Red (58%)
- Green (25%)
- Blue (69%)



- Red (58%)
- Yellow (25%)
- Blue (69%)



- Cyan (17%)
- Magenta (64%)
- Yellow (0%)
- Black (31%)



- Cyan (42%)
- Magenta (75%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9340B1 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 9340B1 by changing the saturation by 10% instead.



 9340B1

 9340B1

FFFFFF

 782596

 CC75E9

 5D007C

 E990FF

 420062

 FFABFF

 29004A

 FFC8FF

 070032

 FFE4FF

 00021C

 000000

 9340B1

 9340B1

 8E2EB1

 9852B1

8A1DB1

9C63B1

850BB1

A175B1

8200B1

A687B1

AA99B1

AFAAB1

B4BCB1

B9CEB1

BDDFB1

# Harmonies

## Analogous

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



0E5FD3



9340B1



BF167C

# Triad

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



9340B1



8C5B00



007D8A

# Complementary

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



9340B1



5EB140

# 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.



007C4E



9340B1



596D00

# Square

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



9340B1



B33E05



007708



007BBC

# Rectangle

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



9340B1



C70A56



007708



007D76



# Sweetspot

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



9340B1



DABAE6



405EB1



6C5873



F2F2F2



737373



# Same Dimension

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



9340B1



B735E6



B14097



575059



700099



13001A



# Inverse Universe

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



B1405E



E63564



40B15A



595053



990029

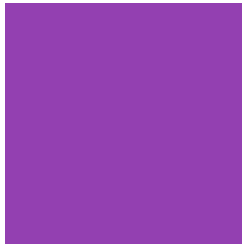


1A0007



# Previews

## White Background



This preview shows how the Hex color 9340B1 looks on a white background.

## Color Contrast Check

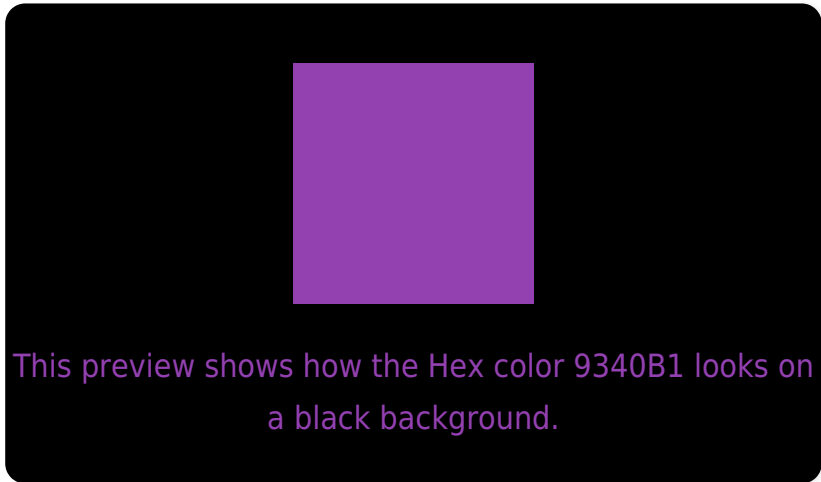
Large Text (above 18pt) WCAG AA ✓ Pass

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

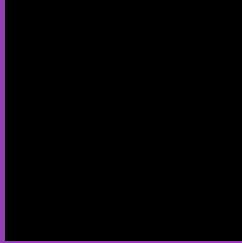
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9340B1 Background



This preview shows how black text looks on a background with the Hex color 9340B1.

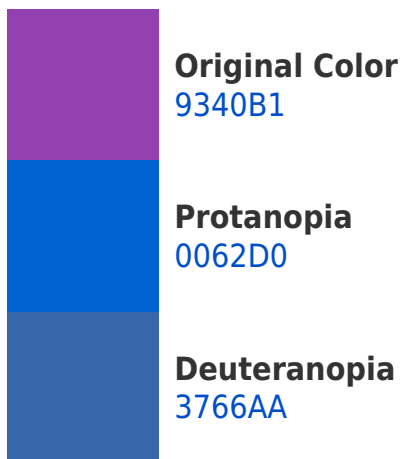



This preview shows how white text looks on a background with the Hex color 9340B1.

# 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**  
87585F

# Trichromacy



**Original Color**  
9340B1



**Protanomaly**  
3556C5



**Deuteranomaly**  
5858AD



**Tritanomaly**  
8B4F7D

# Monochromacy



**Original Color**  
9340B1



**Achromatopsia**  
666666



**Achromatomaly**  
765881

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9340B1 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 #9340B1 looks like.

```
.text, #text, p{  
    color:#9340B1  
}
```

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 #9340B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9340B1
}
```

## Border

The CSS property to change the border of an element to Hex 9340B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

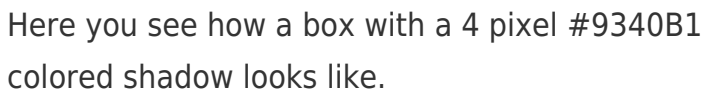
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9340B1 }
```

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

```
.border{ border-color:#9340B1 }
```

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



Here you see how a box with a 4 pixel #9340B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9340B1; -webkit-box-shadow:4px 4px  
4px 4px #9340B1; box-shadow:4px 4px 4px  
4px #9340B1 }
```

# Background

The CSS property to change the background color of an element to Hex 9340B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9340B1 }
```

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

```
.background{ background-color:#9340B1 }
```

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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