

# Converting Colors

Hex(9540C1)

Have a look what the booklet for  
Hex(9540C1) contains.

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**Color**

**Hex(9540C1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9540C1
RGB	149, 64, 193
RGB Percent	58%, 25%, 76%
CMY	0.4157, 0.7490, 0.2431
CMYK	0.23, 0.67, 0.00, 0.24
HSL	280°, 51%, 50%
HSV	280°, 67%, 76%
XYZ	23.8535, 13.9066, 51.8791
YIQ	104.1210, 9.2510, 58.1390

# Conversions

## Conversions Part 2

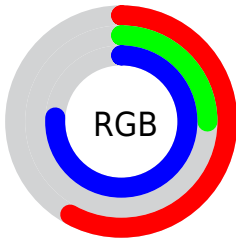
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 64, 193
Decimal	9781441
CIE <sub>Lab</sub>	44.10, 56.34, -52.59
CIE <sub>LCh</sub>	44, 77.071, 316.971
Yxy	13.9066, 0.2661, 0.1551
Android (android.graphics.Color)	4287971521 (0xFF9540C1)
YUV	104.1210, 43.8173, 39.3589
Hunter-Lab	37.2916, 48.9169, -56.3787

# Details

The Hex color **9540C1** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **6CC140**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **CE76FA**, and **5E008A** is the 20% darker color. If you saturate the color by 10%, you get **8E2DC1**, and if you desaturate by 10%, it is **9C53C1**.

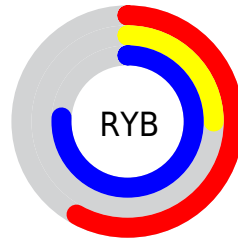
# Distribution



Red (58%)

Green (25%)

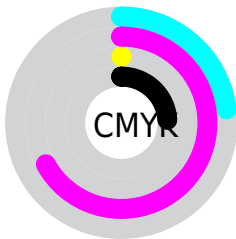
Blue (76%)



Red (58%)

Yellow (25%)

Blue (76%)

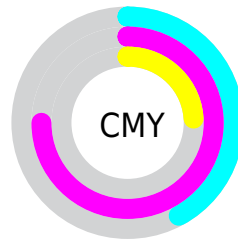


Cyan (23%)

Magenta (67%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (75%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9540C1 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 9540C1 by changing the saturation by 10% instead.



9540C1

9540C1

FFFFFF

7924A5

CE76FA

5E008A

EC91FF

420070

FFACFF

270057

FFC9FF

04003F

FFE5FF

000328

000112

000000

9540C1

9540C1

8E2DC1

9C53C1

8819C1

A267C1

8106C1

A97AC1

7F00C1

AF8DC1

B6A0C1

BCB4C1

C3C7C1

CADAC1

D0EEC1

# Harmonies

## Analogous

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



0064E5



9540C1



C90087

# Triad

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



9540C1



965B00



00838C

# Complementary

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



9540C1



6CC140

# 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.



008149



9540C1



5E7000

# Square

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



9540C1



C03700



007C00



0081C6

# Rectangle

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



9540C1



D4005C



007C00



008276



# Sweetspot

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



9540C1



E9C8FA



406DC1



735F7D



FCFCFC



7D7D7D



# Same Dimension

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



9540C1



B632FA



C140AE



5E5761



6A00A1



160021



# Inverse Universe

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



C1406C



FA3276



40C153



61575B



A10037



21000B



# Previews

## White Background



This preview shows how the Hex color 9540C1 looks on a white background.

## Color Contrast Check

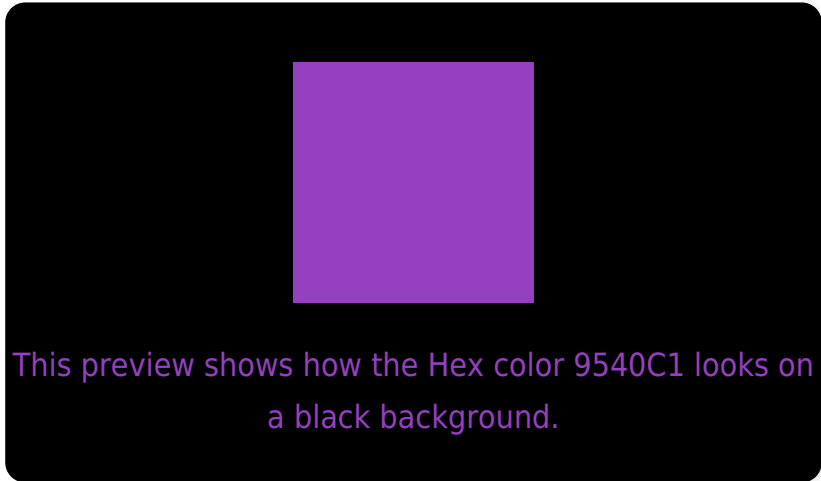
Large Text (above 18pt) WCAG AA ✓ Pass

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

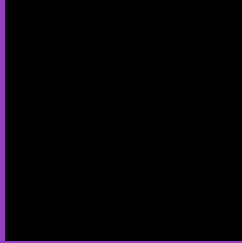
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9540C1 Background



This preview shows how black text looks on a background with the Hex color 9540C1.

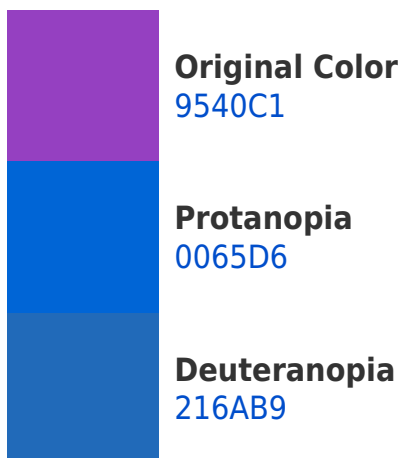



This preview shows how white text looks on a background with the Hex color 9540C1.

# 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](#).

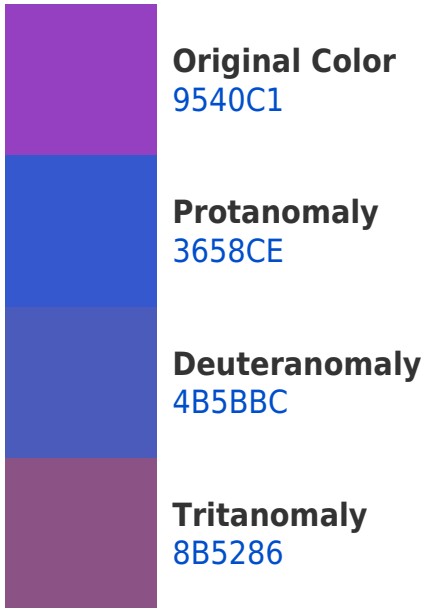
## Dichromacy



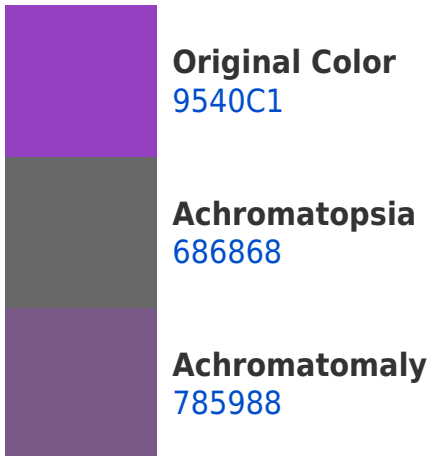


**Tritanopia**  
865D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9540C1 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 #9540C1 looks like.

```
.text, #text, p{  
    color:#9540C1  
}
```

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 #9540C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9540C1
}
```

## Border

The CSS property to change the border of an element to Hex 9540C1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

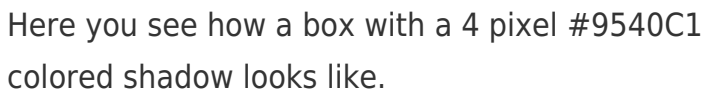
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9540C1 }
```

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

```
.border{ border-color:#9540C1 }
```

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



Here you see how a box with a 4 pixel #9540C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9540C1; -webkit-box-shadow:4px 4px  
4px 4px #9540C1; box-shadow:4px 4px 4px  
4px #9540C1 }
```

# Background

The CSS property to change the background color of an element to Hex 9540C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9540C1 }
```

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

```
.background{ background-color:#9540C1 }
```

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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