

# Converting Colors

Hex(9041B3)

Have a look what the booklet for  
Hex(9041B3) contains.

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**Color**

**Hex(9041B3)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 9041B3                     |
| RGB           | 144, 65, 179               |
| RGB Percent   | 56%, 25%, 70%              |
| CMY           | 0.4353, 0.7451, 0.2980     |
| CMYK          | 0.20, 0.64, 0.00, 0.30     |
| HSL           | 282°, 47%, 48%             |
| HSV           | 282°, 64%, 70%             |
| XYZ           | 21.5286, 12.9646, 44.0156  |
| YIQ           | 101.6170, 10.4900, 52.2020 |

# Conversions

## Conversions Part 2

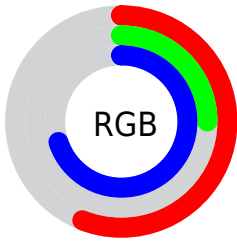
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 144, 65, 179                  |
| Decimal                             | 9454003                       |
| CIE <sub>Lab</sub>                  | 42.71, 51.73, -46.66          |
| CIE <sub>LCh</sub>                  | 43, 69.660, 317.950           |
| Yxy                                 | 12.9646, 0.2742,<br>0.1651    |
| Android<br>(android.graphics.Color) | 4287644083<br>(0xFF9041B3)    |
| YUV                                 | 101.6170, 38.1498,<br>37.1699 |
| Hunter-Lab                          | 36.0063, 43.7160,<br>-47.2740 |

# Details

The Hex color **9041B3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **64B341**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C976EB**, and **5A037D** is the 20% darker color. If you saturate the color by 10%, you get **8B2FB3**, and if you desaturate by 10%, it is **9553B3**.

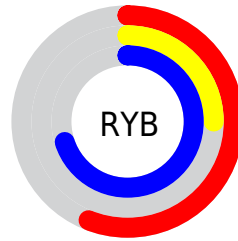
# Distribution



Red (56%)

Green (25%)

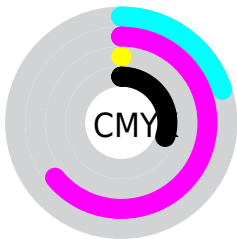
Blue (70%)



Red (56%)

Yellow (25%)

Blue (70%)

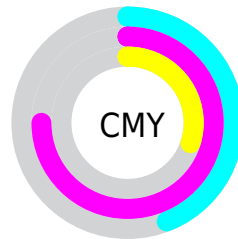


Cyan (20%)

Magenta (64%)

Yellow (0%)

Black (30%)



Cyan (44%)

Magenta (75%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9041B3 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 9041B3 by changing the saturation by 10% instead.



 9041B3

 9041B3

FFFFFF

 752698

 C976EB

 5A037D

 E691FF

 3F0064

 FFACFF

 26004B

 FFC8FF

 000034

 FFE5FF

 00021D

 000000

 9041B3

 9041B3

 8B2FB3

 9553B3

 851DB3

 9B65B3

 800BB3

 A077B3

 7C00B3

 A689B3

 AB9BB3

 B1ACB3

 B6BEB3

 BCD0B3

 C1E2B3

# Harmonies

## Analogous

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



0060D4



9041B3



BD167F

# Triad

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



9041B3



8E5A00



007D87

# Complementary

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



9041B3



64B341

# 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.



007C4B



9041B3



5B6D00

# Square

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



9041B3



B43C08



007701



007BBA

# Rectangle

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



9041B3



C70558



007701



007D73



# Sweetspot

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



9041B3



DBBCE8



4165B3



6D5A75



F5F5F5



757575



# Same Dimension

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



9041B3



B238E8



B3419E



575059



6A0099



12001A



# Inverse Universe

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



B34164



E8386E



41B356



595053



99002F



1A0008



# Previews

## White Background



This preview shows how the Hex color 9041B3 looks on a white background.

## Color Contrast Check

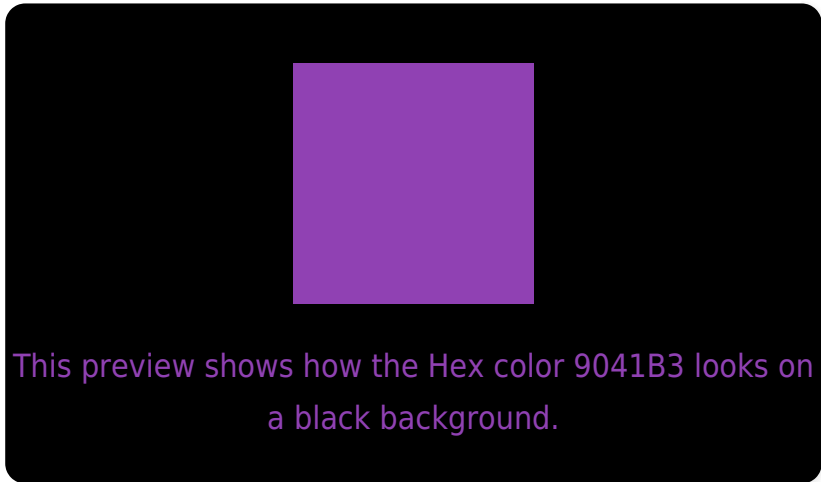
Large Text (above 18pt) WCAG AA ✓ Pass

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

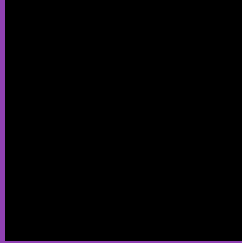
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9041B3 Background



This preview shows how black text looks on a background with the Hex color 9041B3.

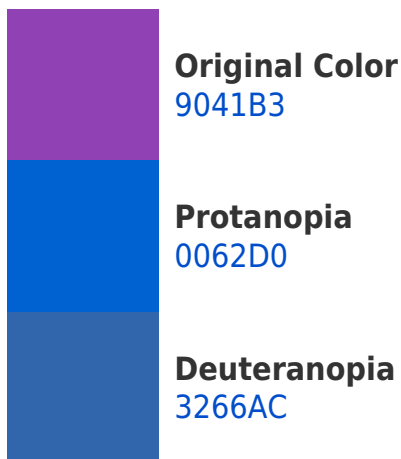



This preview shows how white text looks on a background with the Hex color 9041B3.

# 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](#).

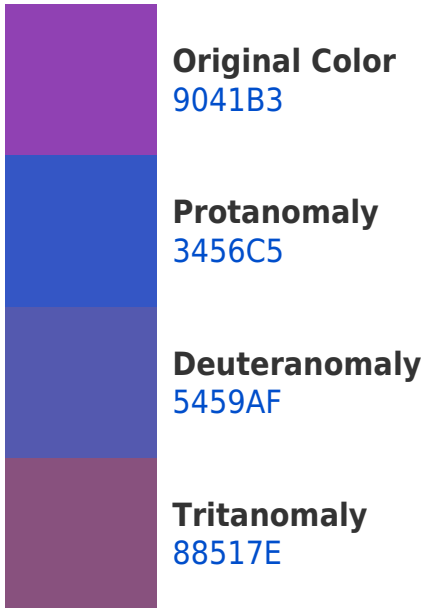
## Dichromacy



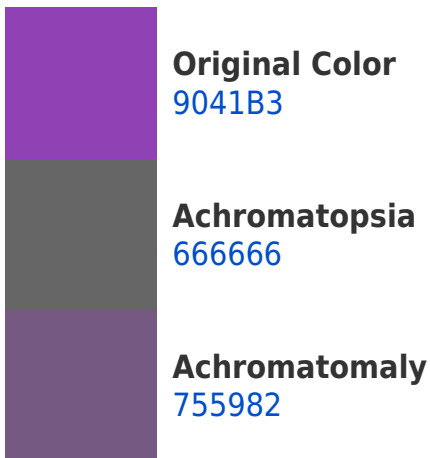


**Tritanopia**  
835A60

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9041B3 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 #9041B3 looks like.

```
.text, #text, p{  
    color:#9041B3  
}
```

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 #9041B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9041B3  
}
```

## Border

The CSS property to change the border of an element to Hex 9041B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

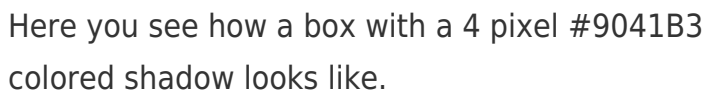
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9041B3 }
```

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

```
.border{ border-color:#9041B3 }
```

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



Here you see how a box with a 4 pixel #9041B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9041B3; -webkit-box-shadow:4px 4px  
4px 4px #9041B3; box-shadow:4px 4px 4px  
4px #9041B3 }
```

# Background

The CSS property to change the background color of an element to Hex 9041B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9041B3 }
```

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

```
.background{ background-color:#9041B3 }
```

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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