

# Converting Colors

Hex(9823B0)

Have a look what the booklet for  
Hex(9823B0) contains.

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**Color**

**Hex(9823B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9823B0
RGB	152, 35, 176
RGB Percent	60%, 14%, 69%
CMY	0.4039, 0.8627, 0.3098
CMYK	0.14, 0.80, 0.00, 0.31
HSL	290°, 67%, 41%
HSV	290°, 80%, 69%
XYZ	21.3864, 11.0121, 42.0726
YIQ	86.0570, 24.4710, 68.6550

# Conversions

## Conversions Part 2

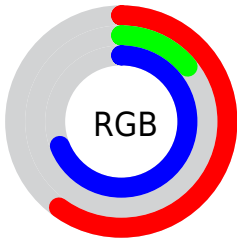
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 35, 176
Decimal	9970608
CIE <sub>Lab</sub>	39.60, 64.46, -49.81
CIE <sub>LCh</sub>	40, 81.458, 322.305
Yxy	11.0121, 0.2872, 0.1479
Android (android.graphics.Color)	4288160688 (0xFF9823B0)
YUV	86.0570, 44.3419, 57.8320
Hunter-Lab	33.1844, 56.9654, -51.9414

# Details

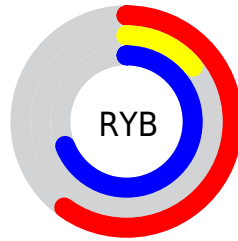
The Hex color **9823B0** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **3BB023**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D25FE8**, and **60007A** is the 20% darker color. If you saturate the color by 10%, you get **9511B0**, and if you desaturate by 10%, it is **9B35B0**.

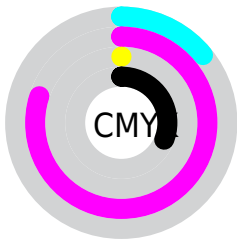
# Distribution



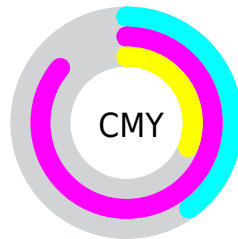
- Red (60%)
- Green (14%)
- Blue (69%)



- Red (60%)
- Yellow (14%)
- Blue (69%)



- Cyan (14%)
- Magenta (80%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (86%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9823B0 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 9823B0 by changing the saturation by 10% instead.



9823B0

9823B0

FFFFFF

7C0095

D25FE8

60007A

EF7BFF

450061

FF97FF

2C0049

FFB3FF

040031

FFD0FF

00011B

FFEDFF

000000

9823B0

9823B0

9511B0

9B35B0

9200B0

9E46B0

A158B0

A469B0

A77BB0

AA8DB0

AD9EB0

B0B0B0

B3C1B0

# Harmonies

## Analogous

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



0054DB



9823B0



C50071

# Triad

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



9823B0



815500



00778E

# Complementary

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



9823B0



3BB023

# 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.



007649



9823B0



426800

# Square

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



9823B0



AF2F00



007200



0075C7

# Rectangle

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



9823B0



CB0046



007200



007778



# Sweetspot

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



9823B0



DCAEE6



233DB0



6D5173



F2F2F2



737373



# Same Dimension

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



9823B0



C009E6



B02383



585059



7F0099



15001A



# Inverse Universe

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



B0233B



E6092F



23B050



595052



99001A



1A0004



# Previews

## White Background



This preview shows how the Hex color 9823B0 looks on a white background.

## Color Contrast Check

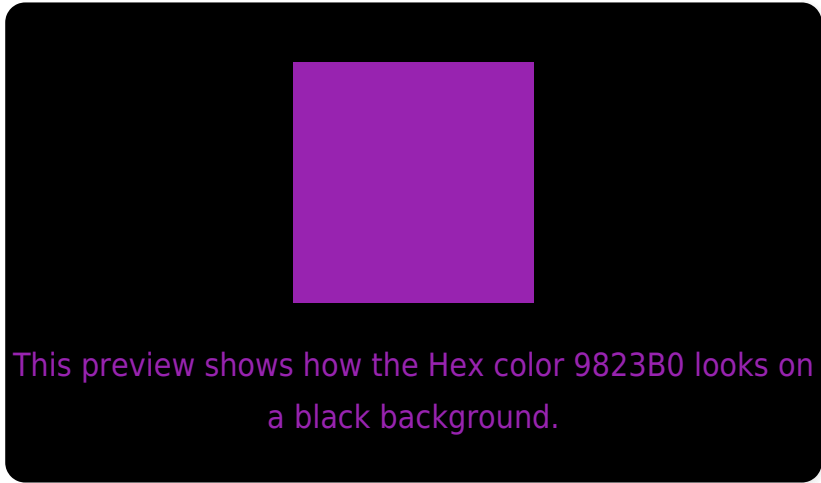
Large Text (above 18pt) WCAG AA ✓ Pass

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

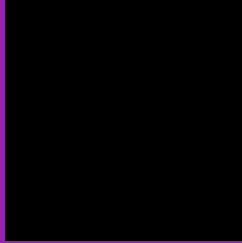
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9823B0 Background



This preview shows how black text looks on a background with the Hex color 9823B0.

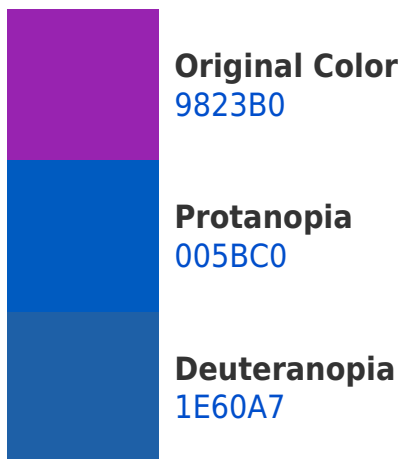


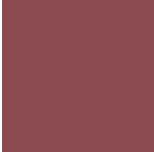
This preview shows how white text looks on a background with the Hex color 9823B0.

# 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**  
8B4B50

# Trichromacy



**Original Color**  
9823B0



**Protanomaly**  
3747BA



**Deuteranomaly**  
4A4AAA



**Tritanomaly**  
903C73

# Monochromacy



**Original Color**  
9823B0



**Achromatopsia**  
565656



**Achromatomaly**  
6E4377

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9823B0 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 #9823B0 looks like.

```
.text, #text, p{  
    color:#9823B0  
}
```

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 #9823B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9823B0
}
```

## Border

The CSS property to change the border of an element to Hex 9823B0 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
#9823B0 }
```

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

```
.border{ border-color:#9823B0 }
```

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

Here you see how a box with a 4 pixel #9823B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9823B0; -webkit-box-shadow:4px 4px  
4px 4px #9823B0; box-shadow:4px 4px 4px  
4px #9823B0 }
```

# Background

The CSS property to change the background color of an element to Hex 9823B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9823B0 }
```

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

```
.background{ background-color:#9823B0 }
```

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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