

# Converting Colors

Hex(9E74B9)

Have a look what the booklet for  
Hex(9E74B9) contains.

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# **Color**

**Hex(9E74B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E74B9
RGB	158, 116, 185
RGB Percent	62%, 45%, 73%
CMY	0.3804, 0.5451, 0.2745
CMYK	0.15, 0.37, 0.00, 0.27
HSL	277°, 33%, 59%
HSV	277°, 37%, 73%
XYZ	29.1029, 23.2627, 48.8552
YIQ	136.4240, 2.8830, 30.3630

# Conversions

## Conversions Part 2

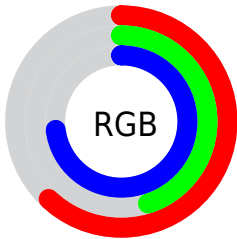
Format	Color
<a href="#">RYB</a>	<a href="#">158, 116, 185</a>
Decimal	<a href="#">10384569</a>
CIELab	<a href="#">55.34, 29.50, -30.11</a>
CIElCh	<a href="#">55, 42.151, 314.410</a>
Yxy	<a href="#">23.2627, 0.2875, 0.2298</a>
Android (android.graphics.Color)	<a href="#">4288574649 (0xFF9E74B9)</a>
YUV	<a href="#">136.4240, 23.9480, 18.9222</a>
Hunter-Lab	<a href="#">48.2314, 23.3023, -26.2949</a>

# Details

The Hex color **9E74B9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8FB974**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D6A9F1**, and **694384** is the 20% darker color. If you saturate the color by 10%, you get **9762B9**, and if you desaturate by 10%, it is **A587B9**.

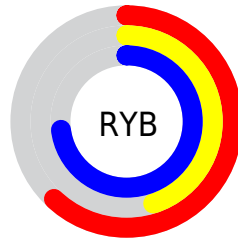
# Distribution



Red (62%)

Green (45%)

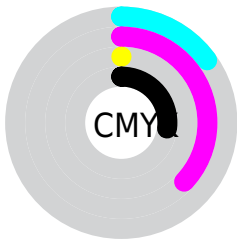
Blue (73%)



Red (62%)

Yellow (45%)

Blue (73%)

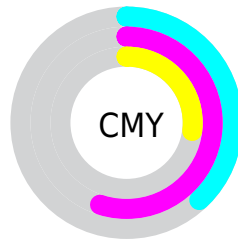


Cyan (15%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (55%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E74B9 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 9E74B9 by changing the saturation by 10% instead.



 9E74B9

 9E74B9

FFFFFF

 835B9E

 D6A9F1

 694384

 F2C4FF

 502C6A

 FFE0FF

 381552

 FFFDFF

 20003A

 000024

 00000C

 000000

 9E74B9

 9E74B9

9762B9

A587B9

904FB9

AC99B9

883DB9

B4ACB9

812AB9

BBBEB9

7A18B9

C2D1B9

7305B9

C9E3B9

7100B9

D1F5B9

D8FFB9

DFFFB9

# Harmonies

## Analogous

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



6782CB



9E74B9



BE6899

# Triad

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



9E74B9



AA7C3D



009796

# Complementary

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



9E74B9



8FB974

# 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.



239670



9E74B9



89883B

# Square

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



9E74B9



C16F53



60914E



0095B7

# Rectangle

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



9E74B9



C86581



60914E



009789



# Sweetspot

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



9E74B9



E5D5F0



7490B9



726878



F7F7F7



787878



# Same Dimension

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



9E74B9



C584F0



B974B2



58535C



5F009C



11001C



# Inverse Universe

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



B9748F



F084AE



74B97B



5C5356



9C003D

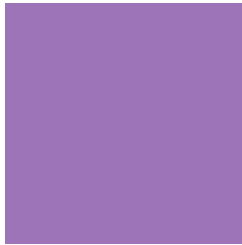


1C000B



# Previews

## White Background



This preview shows how the Hex color 9E74B9 looks on a white background.

## Color Contrast Check

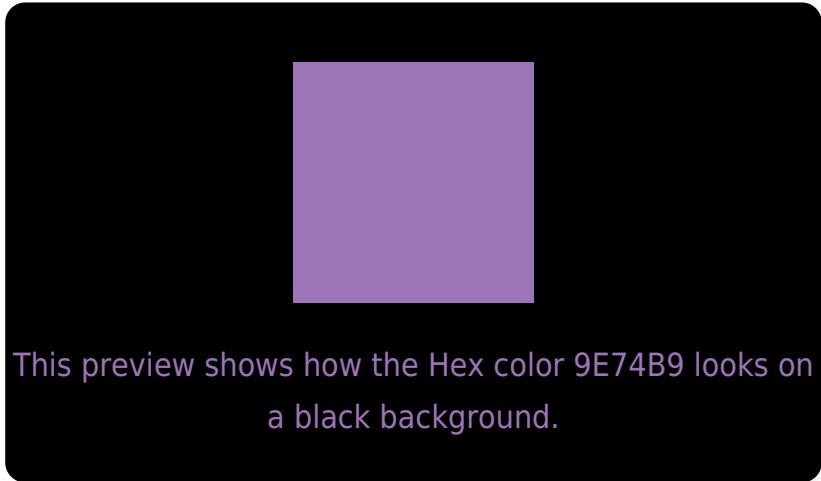
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

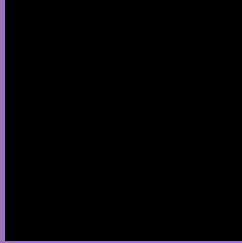
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E74B9 Background



This preview shows how black text looks on a background with the Hex color 9E74B9.

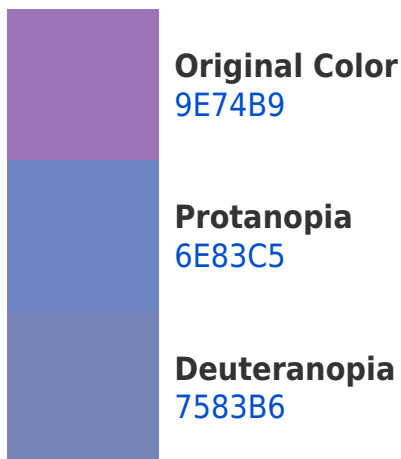


This preview shows how white text looks on a background with the Hex color 9E74B9.

# 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](#).

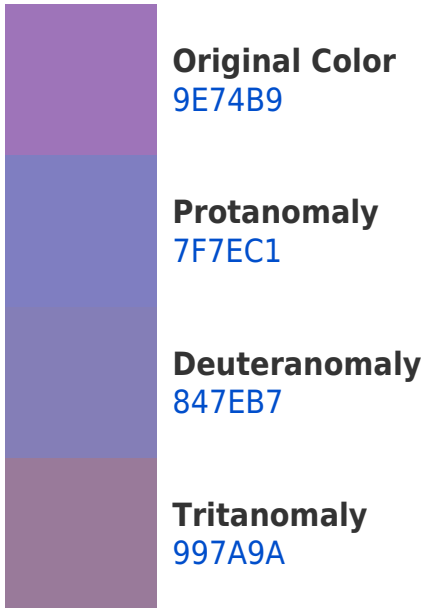
## Dichromacy



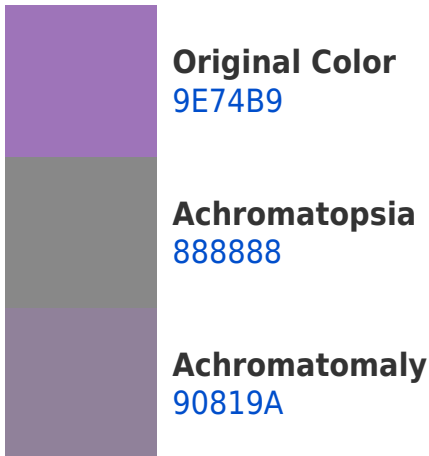


**Tritanopia**  
967E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E74B9 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 #9E74B9 looks like.

```
.text, #text, p{  
    color:#9E74B9  
}
```

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 #9E74B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E74B9
}
```

## Border

The CSS property to change the border of an element to Hex 9E74B9 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
#9E74B9 }
```

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

```
.border{ border-color:#9E74B9 }
```

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

Here you see how a box with a 4 pixel #9E74B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E74B9; -webkit-box-shadow:4px 4px  
4px 4px #9E74B9; box-shadow:4px 4px 4px  
4px #9E74B9 }
```

# Background

The CSS property to change the background color of an element to Hex 9E74B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E74B9 }
```

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

```
.background{ background-color:#9E74B9 }
```

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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