

# Converting Colors

Hex(9674B8)

Have a look what the booklet for  
Hex(9674B8) contains.

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# Color

**Hex(9674B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9674B8
RGB	150, 116, 184
RGB Percent	59%, 45%, 72%
CMY	0.4118, 0.5451, 0.2784
CMYK	0.18, 0.37, 0.00, 0.28
HSL	270°, 32%, 59%
HSV	270°, 37%, 72%
XYZ	27.4748, 22.4355, 48.2298
YIQ	133.9180, -1.5640, 28.3560

# Conversions

## Conversions Part 2

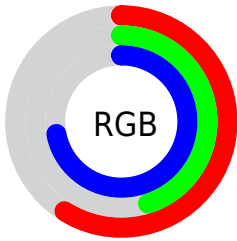
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 116, 184
Decimal	9860280
CIELab	54.49, 26.78, -30.93
CIELCh	54, 40.912, 310.887
Yxy	22.4355, 0.2800, 0.2286
Android (android.graphics.Color)	4288050360 (0xFF9674B8)
YUV	133.9180, 24.6904, 14.1039
Hunter-Lab	47.3661, 20.6485, -27.2148

# Details

The Hex color **9674B8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **96B874**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CDA8F0**, and **624383** is the 20% darker color. If you saturate the color by 10%, you get **8D62B8**, and if you desaturate by 10%, it is **9F86B8**.

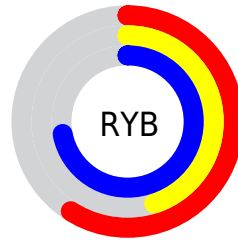
# Distribution



Red (59%)

Green (45%)

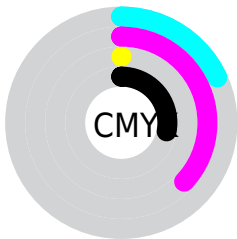
Blue (72%)



Red (59%)

Yellow (45%)

Blue (72%)

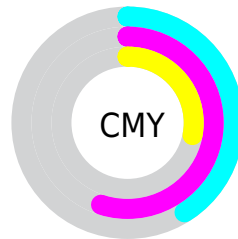


Cyan (18%)

Magenta (37%)

Yellow (0%)

Black (28%)



Cyan (41%)

Magenta (55%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9674B8 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 9674B8 by changing the saturation by 10% instead.



9674B8

9674B8

FFFFFF

7C5B9D

CDA8F0

624383

EAC4FF

492C69

FFE0FF

311651

FFFDFF

1A0039

000023

00000A

000000

9674B8

9674B8

 8D62B8

 9F86B8

 844FB8

 A899B8

 7A3DB8

 B2ABB8

 712AB8

 BBBEB8

 6818B8

 C4D0B8

 5F06B8

 CDE2B8

 5C00B8

 D6F5B8

 E0FFB8

 E9FFB8

# Harmonies

## Analogous

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



5F82C8



9674B8



B8689A

# Triad

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



9674B8



AA783F



00948F

# Complementary

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



9674B8



96B874

# 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.



2F936A



9674B8



8B853A

# Square

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



9674B8



BF6C56



648D4B



0092B0

# Rectangle

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



9674B8



C36583



648D4B



009482



# Sweetspot

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



9674B8



E3D5F0



7496B8



706878



F7F7F7



787878



# Same Dimension

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



9674B8



BB86F0



B874B8



57535C



4E009C



0E001C



# Inverse Universe

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



B87496



F086BB



74B874



5C5357



9C004E

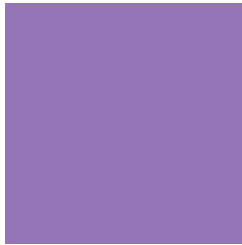


1C000E



# Previews

## White Background



This preview shows how the Hex color 9674B8 looks on a white background.

## Color Contrast Check

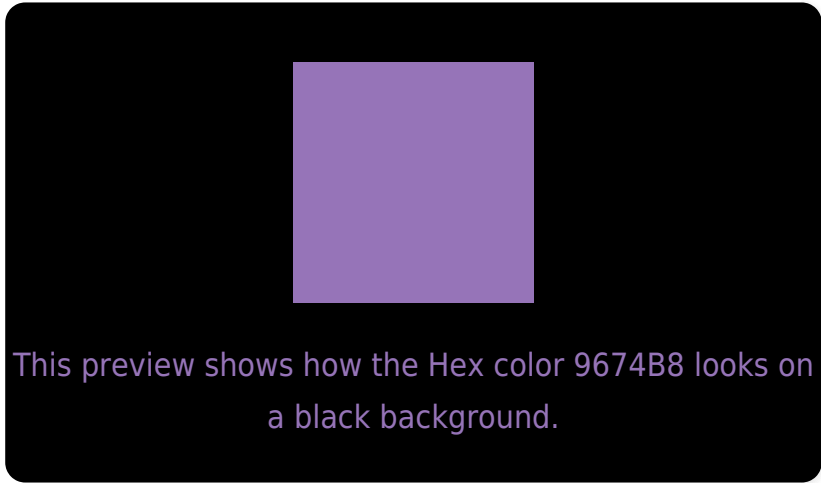
Large Text (above 18pt) WCAG AA ✓ Pass

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

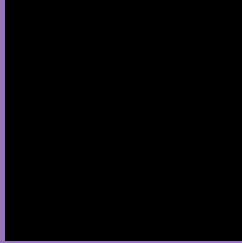
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9674B8 Background



This preview shows how black text looks on a background with the Hex color 9674B8.

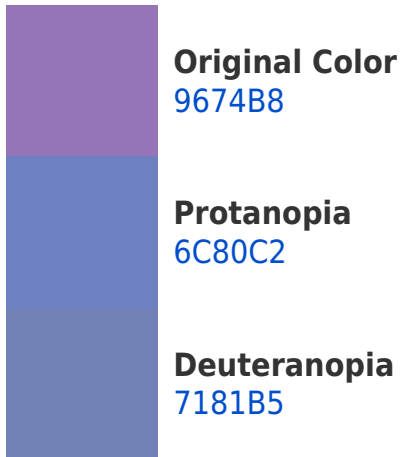


This preview shows how white text looks on a background with the Hex color 9674B8.

# 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**  
8E7E88

# Trichromacy



**Original Color**  
9674B8

**Protanomaly**  
7B7CBE

**Deuteranomaly**  
7E7CB6

**Tritanomaly**  
917A99

# Monochromacy



**Original Color**  
9674B8

**Achromatopsia**  
868686

**Achromatomaly**  
8C7F98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9674B8 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 #9674B8 looks like.

```
.text, #text, p{  
    color:#9674B8  
}
```

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 #9674B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9674B8
}
```

## Border

The CSS property to change the border of an element to Hex 9674B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

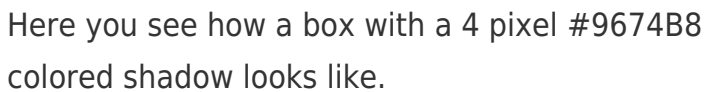
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9674B8 }
```

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

```
.border{ border-color:#9674B8 }
```

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



Here you see how a box with a 4 pixel #9674B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9674B8; -webkit-box-shadow:4px 4px  
4px 4px #9674B8; box-shadow:4px 4px 4px  
4px #9674B8 }
```

# Background

The CSS property to change the background color of an element to Hex 9674B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9674B8 }
```

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

```
.background{ background-color:#9674B8 }
```

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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