

Converting Colors

Hex(9766B0)

Have a look what the booklet for
Hex(9766B0) contains.

Hex(9766B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9766B0)

Conversions

Conversions Part 1

Format	Color
Hex	9766B0
RGB	151, 102, 176
RGB Percent	59%, 40%, 69%
CMY	0.4078, 0.6000, 0.3098
CMYK	0.14, 0.42, 0.00, 0.31
HSL	280°, 32%, 55%
HSV	280°, 42%, 69%
XYZ	25.3503, 19.2166, 43.4474
YIQ	125.0870, 5.4500, 33.4020

Conversions

Conversions Part 2

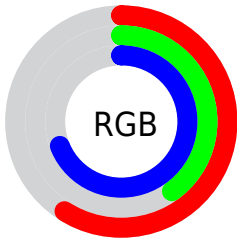
Format	Color
R_{YB}	151, 102, 176
Decimal	9922224
CIE _{Lab}	50.94, 33.32, -31.83
CIE _{LCh}	51, 46.076, 316.308
Yxy	19.2166, 0.2880, 0.2183
Android (android.graphics.Color)	4288112304 (0xFF9766B0)
YUV	125.0870, 25.1001, 22.7257
Hunter-Lab	43.8368, 26.5102, -28.0775

Details

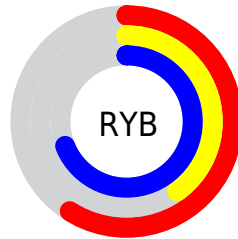
The Hex color **9766B0** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7FB066**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CE9AE8**, and **62357B** is the 20% darker color. If you saturate the color by 10%, you get **9154B0**, and if you desaturate by 10%, it is **9D78B0**.

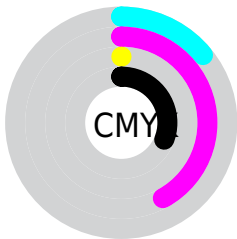
Distribution



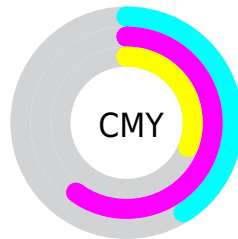
- Red (59%)
- Green (40%)
- Blue (69%)



- Red (59%)
- Yellow (40%)
- Blue (69%)



- Cyan (14%)
- Magenta (42%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9766B0 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 9766B0 by changing the saturation by 10% instead.

9766B0

9766B0

FFFFFF

7C4D95

CE9AE8

62357B

EBB5FF

491E62

FFD1FF

31054A

FFEDFF

1D0033

00021D

000000

9766B0

9766B0

9154B0

9D78B0

8B43B0

A389B0

8531B0

A99BB0

7F20B0

AFACB0

790EB0

B5BEB0

7500B0

BBD0B0

C1E1B0

C7F3B0

CDFFB0

Harmonies

Analogous

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



5B76C5



9766B0



B8598D

Triad

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



9766B0



9E712A



008D8E

Complementary

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



9766B0



7FB066

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.



008B65



9766B0



7A7E28

Square

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



9766B0



B86242



4D8740



008AB1

Rectangle

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



9766B0



C15673



4D8740



008D81

Sweetspot

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



9766B0



DBC8E6



6680B0



6D6073



F2F2F2



737373

Same Dimension

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



9766B0



BF73E6



B066A5



565059



650099



11001A

Inverse Universe

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



B0667F



E6739A



66B071



595053



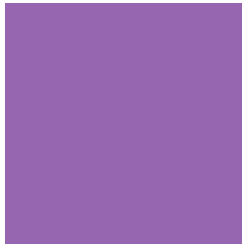
990034



1A0009

Previews

White Background



This preview shows how the Hex color 9766B0 looks on a white background.

Color Contrast Check

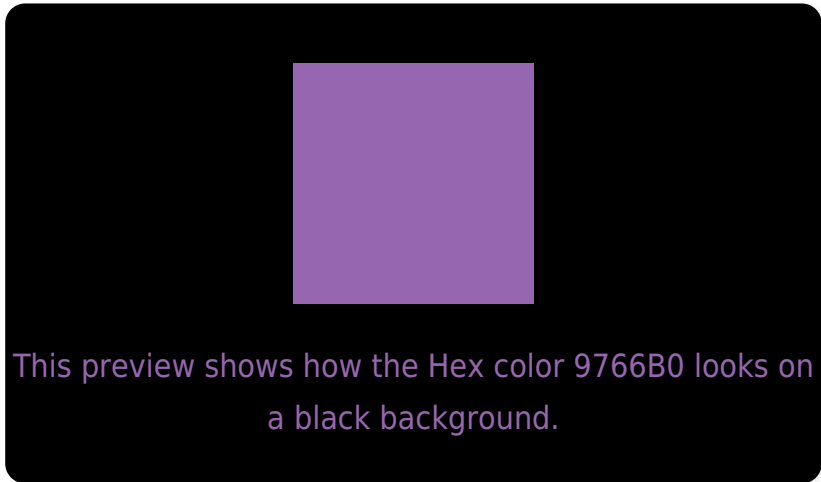
Large Text (above 18pt) WCAG AA ✓ Pass

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

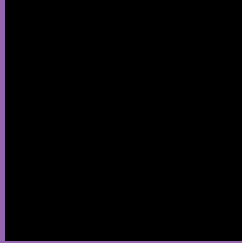
Any Text WCAG AA ✓ Pass

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 9766B0 Background



This preview shows how black text looks on a background with the Hex color 9766B0.

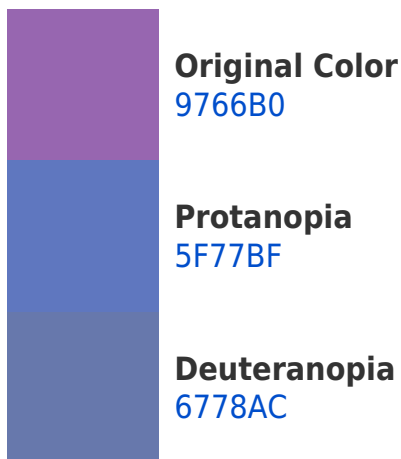


This preview shows how white text looks on a background with the Hex color 9766B0.

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
8F727B

Trichromacy



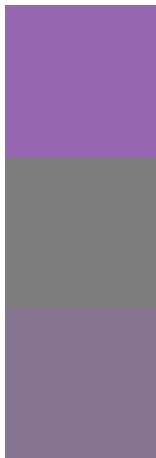
Original Color
9766B0

Protanomaly
7371BA

Deuteranomaly
7871AD

Tritanomaly
926E8E

Monochromacy



Original Color
9766B0

Achromatopsia
7D7D7D

Achromatomaly
867590

CSS Examples

Text

The CSS property to change the color of the text to Hex 9766B0 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 #9766B0 looks like.

```
.text, #text, p{  
    color:#9766B0  
}
```

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 #9766B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9766B0
}
```

Border

The CSS property to change the border of an element to Hex 9766B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

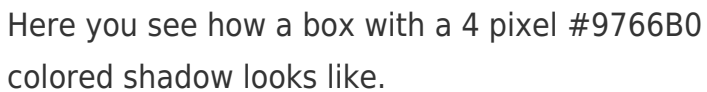
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9766B0 }
```

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

```
.border{ border-color:#9766B0 }
```

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



Here you see how a box with a 4 pixel #9766B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9766B0; -webkit-box-shadow:4px 4px  
4px 4px #9766B0; box-shadow:4px 4px 4px  
4px #9766B0 }
```

Background

The CSS property to change the background color of an element to Hex 9766B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9766B0 }
```

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

```
.background{ background-color:#9766B0 }
```

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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