

# Converting Colors

Hex(9860B0)

Have a look what the booklet for  
Hex(9860B0) contains.

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# Color

**Hex(9860B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9860B0
RGB	152, 96, 176
RGB Percent	60%, 38%, 69%
CMY	0.4039, 0.6235, 0.3098
CMYK	0.14, 0.45, 0.00, 0.31
HSL	282°, 34%, 53%
HSV	282°, 45%, 69%
XYZ	24.9682, 18.1757, 43.2666
YIQ	121.8640, 7.6960, 36.7520

# Conversions

## Conversions Part 2

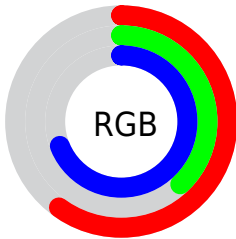
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 96, 176
Decimal	9986224
CIE <sub>Lab</sub>	49.71, 37.00, -33.75
CIE <sub>LCh</sub>	50, 50.076, 317.631
Yxy	18.1757, 0.2889, 0.2103
Android (android.graphics.Color)	4288176304 (0xFF9860B0)
YUV	121.8640, 26.6890, 26.4293
Hunter-Lab	42.6330, 29.9317, -30.3280

# Details

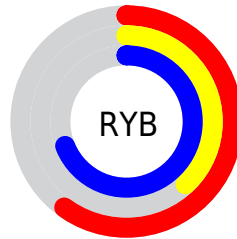
The Hex color **9860B0** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **78B060**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D094E8**, and **632F7B** is the 20% darker color. If you saturate the color by 10%, you get **934EB0**, and if you desaturate by 10%, it is **9D72B0**.

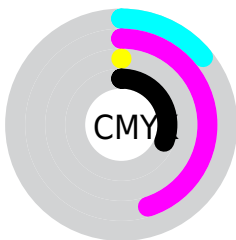
# Distribution



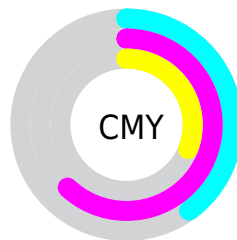
- Red (60%)
- Green (38%)
- Blue (69%)



- Red (60%)
- Yellow (38%)
- Blue (69%)



- Cyan (14%)
- Magenta (45%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (62%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9860B0 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 9860B0 by changing the saturation by 10% instead.



 9860B0

 9860B0

FFFFFF

 7D4795

 D094E8

 632F7B

 ECAFFF

 4A1762

 FFCBFF

 31004A

 FFE7FF

 1E0033

 00021C

 000000

 9860B0

 9860B0

 934EB0

 9D72B0

8D3DB0

A383B0

882BB0

A895B0

831AB0

ADA6B0

7E08B0

B2B8B0

7B00B0

B8CAB0

BDDBB0

C2EDB0

C8FEB0

# Harmonies

## Analogous

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



5672C8



9860B0



BB518A

# Triad

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



9860B0



9B6E1D



008B8F

# Complementary

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



9860B0



78B060

# 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.



008A63



9860B0



747C1C

# Square

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



9860B0



B75D39



42853A



0088B4

# Rectangle

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



9860B0



C34E6D



42853A



008B80



# Sweetspot

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



9860B0



DCC5E6



6078B0



6D5F73



F2F2F2



737373



# Same Dimension

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



9860B0



C067E6



B060A0



575059



6B0099



12001A



# Inverse Universe

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



B06078



E6678D



60B070



595053



99002E

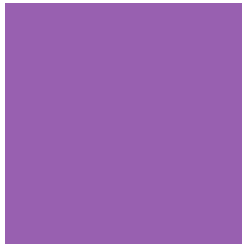


1A0008



# Previews

## White Background



This preview shows how the Hex color 9860B0 looks on a white background.

## Color Contrast Check

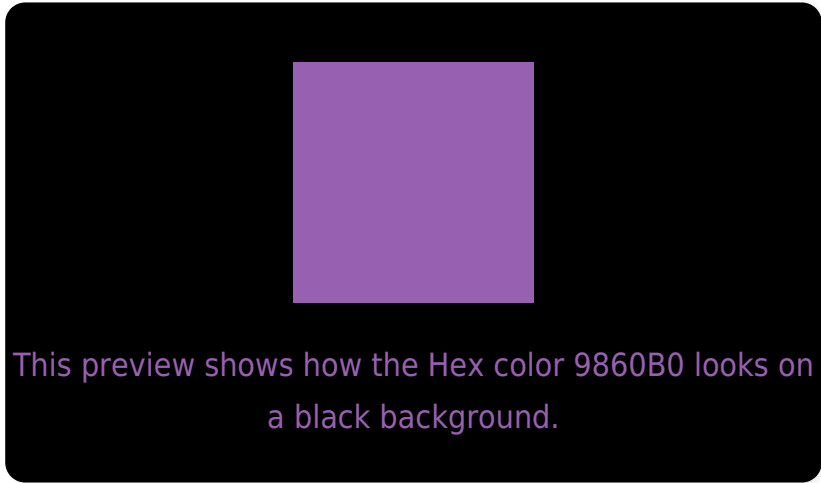
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

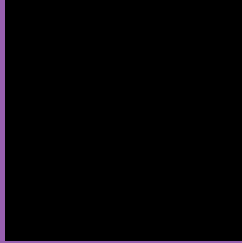
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9860B0 Background



This preview shows how black text looks on a background with the Hex color 9860B0.

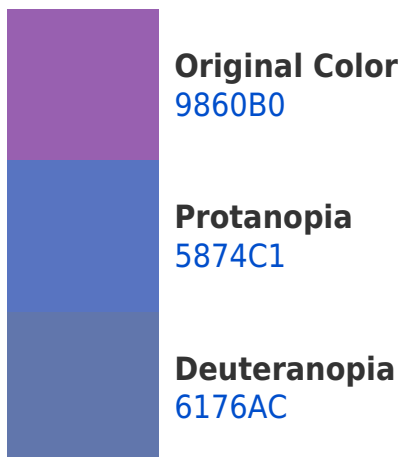


This preview shows how white text looks on a background with the Hex color 9860B0.

# 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**  
8F6D76

# Trichromacy



**Original Color**  
9860B0



**Protanomaly**  
6F6DBB



**Deuteranomaly**  
756EAD



**Tritanomaly**  
92688B

# Monochromacy



**Original Color**  
9860B0



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
85718E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9860B0 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 #9860B0 looks like.

```
.text, #text, p{  
    color:#9860B0  
}
```

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 #9860B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9860B0
}
```

## Border

The CSS property to change the border of an element to Hex 9860B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

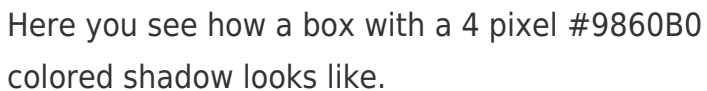
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9860B0 }
```

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

```
.border{ border-color:#9860B0 }
```

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



Here you see how a box with a 4 pixel #9860B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9860B0; -webkit-box-shadow:4px 4px  
4px 4px #9860B0; box-shadow:4px 4px 4px  
4px #9860B0 }
```

# Background

The CSS property to change the background color of an element to Hex 9860B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9860B0 }
```

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

```
.background{ background-color:#9860B0 }
```

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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