

# Converting Colors

Hex(9462B0)

Have a look what the booklet for  
Hex(9462B0) contains.

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# Color

**Hex(9462B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9462B0
RGB	148, 98, 176
RGB Percent	58%, 38%, 69%
CMY	0.4196, 0.6157, 0.3098
CMYK	0.16, 0.44, 0.00, 0.31
HSL	278°, 33%, 54%
HSV	278°, 44%, 69%
XYZ	24.4169, 18.1659, 43.2937
YIQ	121.8420, 4.7620, 34.8580

# Conversions

## Conversions Part 2

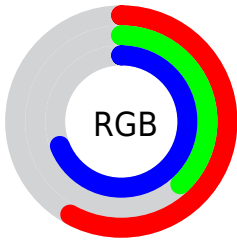
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 98, 176
Decimal	9724592
CIE <sub>Lab</sub>	49.70, 34.67, -33.80
CIE <sub>LCh</sub>	50, 48.421, 315.733
Yxy	18.1659, 0.2843, 0.2115
Android (android.graphics.Color)	4287914672 (0xFF9462B0)
YUV	121.8420, 26.6999, 22.9406
Hunter-Lab	42.6214, 27.6713, -30.3903

# Details

The Hex color **9462B0** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7EB062**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **CB96E8**, and **5F317B** is the 20% darker color. If you saturate the color by 10%, you get **8E50B0**, and if you desaturate by 10%, it is **9A74B0**.

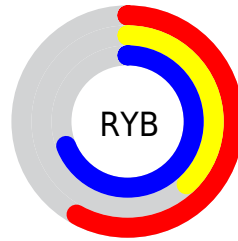
# Distribution



Red (58%)

Green (38%)

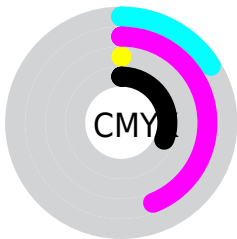
Blue (69%)



Red (58%)

Yellow (38%)

Blue (69%)

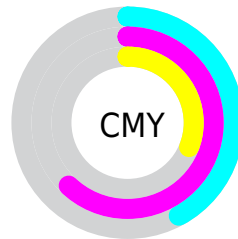


Cyan (16%)

Magenta (44%)

Yellow (0%)

Black (31%)



Cyan (42%)

Magenta (62%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9462B0 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 9462B0 by changing the saturation by 10% instead.



9462B0

9462B0

FFFFFF

794995

CB96E8

5F317B

E8B1FF

461A62

FFCDFF

2D014A

FFE9FF

1B0033

00021C

000000

9462B0

9462B0

8E50B0

9A74B0

873FB0

A185B0

812DB0

A797B0

7B1CB0

ADA8B0

740AB0

B4BAB0

7100B0

BACCB0

C0DDB0

C7EFB0

CDFFB0

# Harmonies

## Analogous

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



5273C6



9462B0



B7538C

# Triad

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



9462B0



9C6D22



008A8B

# Complementary

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



9462B0



7EB062

# 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.



008960



9462B0



777B1F

# Square

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



9462B0



B75D3D



48843A



0088B0

# Rectangle

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



9462B0



C15070



48843A



008A7D



# Sweetspot

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



9462B0



DBC8E6



627FB0



6C6073



F2F2F2



737373



# Same Dimension

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



9462B0



BA6CE6



B062A6



565059



620099



10001A



# Inverse Universe

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



B0627E



E66C98



62B06C



595054



990037

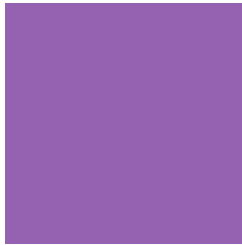


1A0009



# Previews

## White Background



This preview shows how the Hex color 9462B0 looks on a white background.

## Color Contrast Check

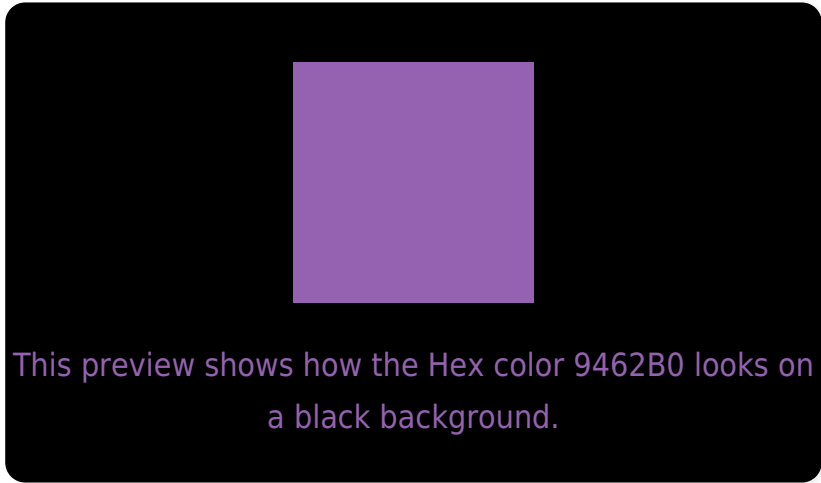
Large Text (above 18pt) WCAG AA ✓ Pass

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

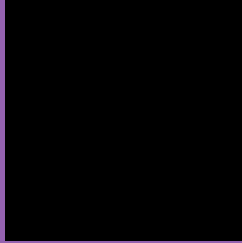
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9462B0 Background



This preview shows how black text looks on a background with the Hex color 9462B0.

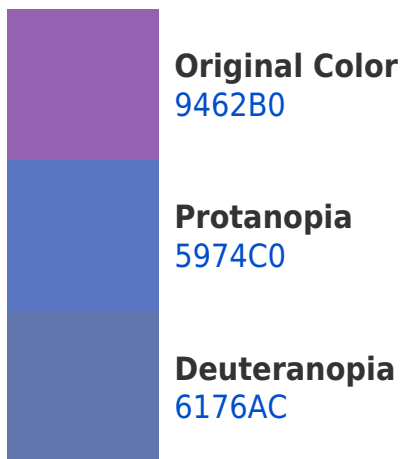


This preview shows how white text looks on a background with the Hex color 9462B0.

# 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](#).

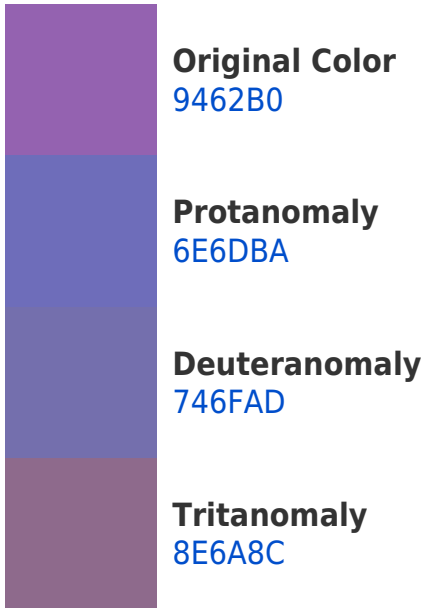
## Dichromacy



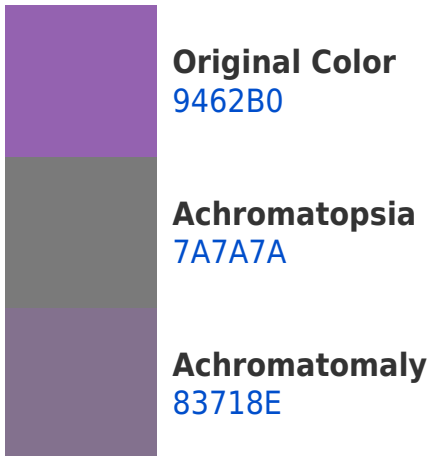


**Tritanopia**  
8B6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9462B0 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 #9462B0 looks like.

```
.text, #text, p{  
    color:#9462B0  
}
```

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 #9462B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9462B0
}
```

## Border

The CSS property to change the border of an element to Hex 9462B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

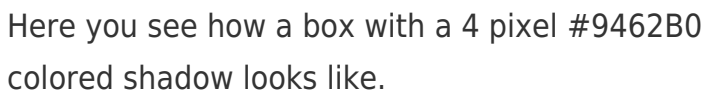
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9462B0 }
```

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

```
.border{ border-color:#9462B0 }
```

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



Here you see how a box with a 4 pixel #9462B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9462B0; -webkit-box-shadow:4px 4px  
4px 4px #9462B0; box-shadow:4px 4px 4px  
4px #9462B0 }
```

# Background

The CSS property to change the background color of an element to Hex 9462B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9462B0 }
```

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

```
.background{ background-color:#9462B0 }
```

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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