

# Converting Colors

Hex(9962B1)

Have a look what the booklet for  
Hex(9962B1) contains.

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# Color

**Hex(9962B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9962B1
RGB	153, 98, 177
RGB Percent	60%, 38%, 69%
CMY	0.4000, 0.6157, 0.3059
CMYK	0.14, 0.45, 0.00, 0.31
HSL	282°, 34%, 54%
HSV	282°, 45%, 69%
XYZ	25.4404, 18.6820, 43.8601
YIQ	123.4510, 7.4210, 36.2290

# Conversions

## Conversions Part 2

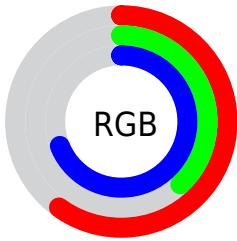
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 98, 177
Decimal	10052273
CIE Lab	50.31, 36.40, -33.37
CIE LCh	50, 49.382, 317.481
Yxy	18.6820, 0.2892, 0.2123
Android (android.graphics.Color)	4288242353 (0xFF9962B1)
YUV	123.4510, 26.3997, 25.9145
Hunter-Lab	43.2227, 29.4234, -29.9085

# Details

The Hex color **9962B1** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7AB162**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D196E9**, and **64317C** is the 20% darker color. If you saturate the color by 10%, you get **9450B1**, and if you desaturate by 10%, it is **9E74B1**.

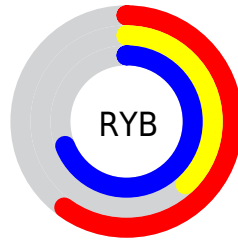
# Distribution



Red (60%)

Green (38%)

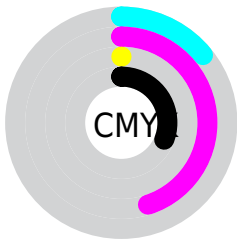
Blue (69%)



Red (60%)

Yellow (38%)

Blue (69%)

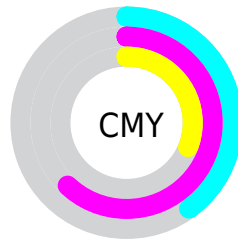


Cyan (14%)

Magenta (45%)

Yellow (0%)

Black (31%)



Cyan (40%)

Magenta (62%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9962B1 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 9962B1 by changing the saturation by 10% instead.



 9962B1

 9962B1

FFFFFF

 7E4996

 D196E9

 64317C

 EDB1FF

 4B1963

 FFCDFE

 32004A

 FFE9FF

 1F0034

 00021D

 000000

 9962B1

 9962B1

 9450B1

 9E74B1

 8E3FB1

 A485B1

 892DB1

 A997B1

 831BB1

 AFA9B1

 7E0AB1

 B4BBB1

 7B00B1

 B9CCB1

 BFDEB1

 C4F0B1

 C9FFB1

# Harmonies

## Analogous

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



5874C8



9962B1



BB538B

# Triad

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



9962B1



9D6F20



008C90

# Complementary

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



9962B1



7AB162

# 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.



008B64



9962B1



767D1F

# Square

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



9962B1



B85F3B



45863C



0089B5

# Rectangle

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



9962B1



C4506F



45863C



008C81



# Sweetspot

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



9962B1



DCC8E6



627BB1



6D6073



F2F2F2



737373



# Same Dimension

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



9962B1



C06AE6



B162A3



575059



6B0099



12001A



# Inverse Universe

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



B1627A



E66A8F



62B170



595053



99002E

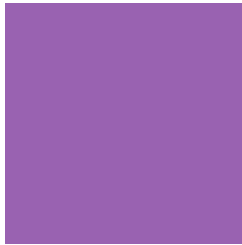


1A0008



# Previews

## White Background



This preview shows how the Hex color 9962B1 looks on a white background.

## Color Contrast Check

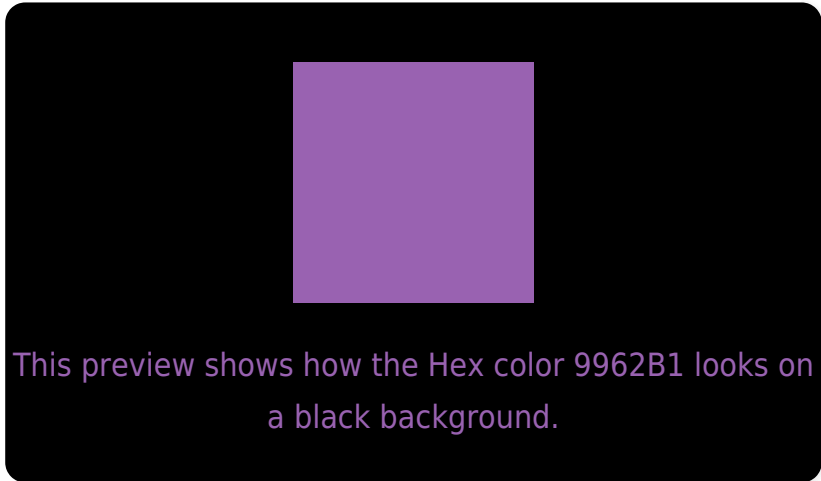
Large Text (above 18pt) WCAG AA ✓ Pass

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

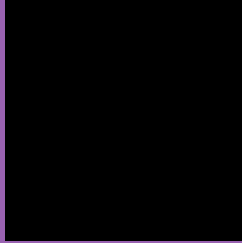
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9962B1 Background



This preview shows how black text looks on a background with the Hex color 9962B1.

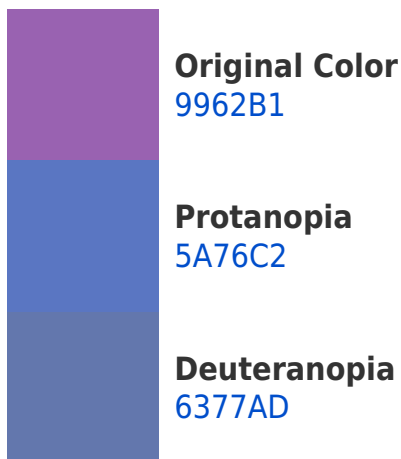


This preview shows how white text looks on a background with the Hex color 9962B1.

# 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](#).

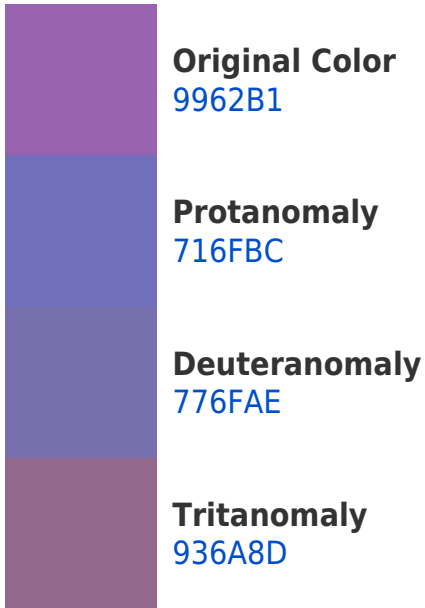
## Dichromacy



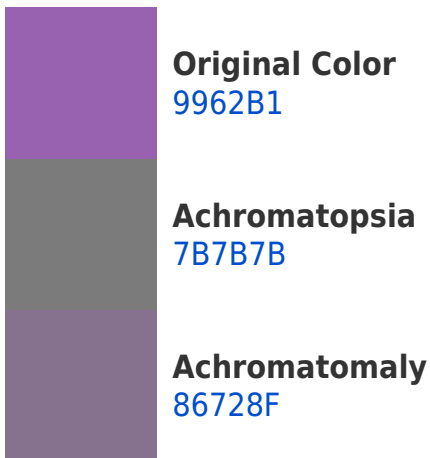


**Tritanopia**  
906F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9962B1 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 #9962B1 looks like.

```
.text, #text, p{  
    color:#9962B1  
}
```

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 #9962B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9962B1
}
```

## Border

The CSS property to change the border of an element to Hex 9962B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

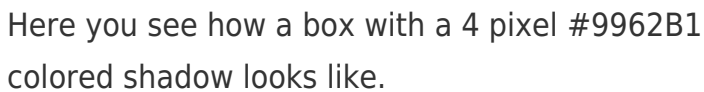
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9962B1 }
```

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

```
.border{ border-color:#9962B1 }
```

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



Here you see how a box with a 4 pixel #9962B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9962B1; -webkit-box-shadow:4px 4px  
4px 4px #9962B1; box-shadow:4px 4px 4px  
4px #9962B1 }
```

# Background

The CSS property to change the background color of an element to Hex 9962B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9962B1 }
```

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

```
.background{ background-color:#9962B1 }
```

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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