

# Converting Colors

Hex(9682BE)

Have a look what the booklet for  
Hex(9682BE) contains.

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# Color

**Hex(9682BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9682BE
RGB	150, 130, 190
RGB Percent	59%, 51%, 75%
CMY	0.4118, 0.4902, 0.2549
CMYK	0.21, 0.32, 0.00, 0.25
HSL	260°, 32%, 63%
HSV	260°, 32%, 75%
XYZ	29.8546, 26.1670, 52.1924
YIQ	142.8200, -7.3400, 22.9000

# Conversions

## Conversions Part 2

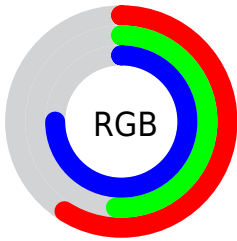
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 130, 190
Decimal	9863870
CIE <sub>Lab</sub>	58.20, 20.07, -28.60
CIE <sub>LCh</sub>	58, 34.942, 305.065
Yxy	26.1670, 0.2759, 0.2418
Android (android.graphics.Color)	4288053950 (0xFF9682BE)
YUV	142.8200, 23.2597, 6.2969
Hunter-Lab	51.1537, 14.6581, -24.6864

# Details

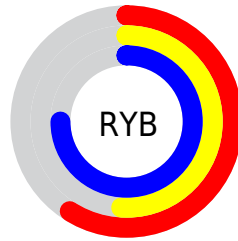
The Hex color **9682BE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AABE82**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CDB7F7**, and **625188** is the 20% darker color. If you saturate the color by 10%, you get **896FBE**, and if you desaturate by 10%, it is **A395BE**.

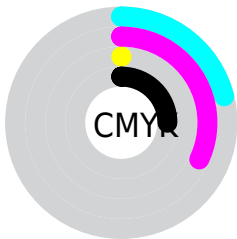
# Distribution



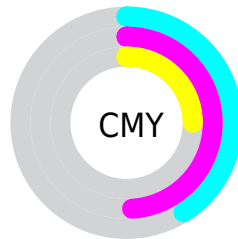
- Red (59%)
- Green (51%)
- Blue (75%)



- Red (59%)
- Yellow (51%)
- Blue (75%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)
- Black (25%)



- Cyan (41%)
- Magenta (49%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9682BE 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 9682BE by changing the saturation by 10% instead.



9682BE

9682BE

FFFFFF

7C69A3

CDB7F7

625188

E9D3FF

49396F

FFEEFF

312456

190F3F

000028

000112

000000

9682BE

9682BE

896FBE

A395BE

7D5CBE

AFA8BE

7049BE

BCBBBE

6336BE

C9CEBE

5723BE

D5E1BE

4A10BE

E2F4BE

3F00BE

EFFFB

FBFFB

FFFFB

# Harmonies

## Analogous

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



678DC8



9682BE



B778A6

# Triad

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



9682BE



B58155



219C90

# Complementary

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



9682BE



AABE82

# 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.



549A71



9682BE



9B8C4E

# Square

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



9682BE



C4786A



7A9459



009BAE

# Rectangle

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



9682BE



C37492



7A9459



359C86



# Sweetspot

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



9682BE



E9E1F7



82AABE



746F7D



FCFCFC



7D7D7D



# Same Dimension

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



9682BE



B999F7



B482BE



58555E



35009E



0A001F



# Inverse Universe

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



BE82AA



F799D8



8CBE82



5E555B



9E0069

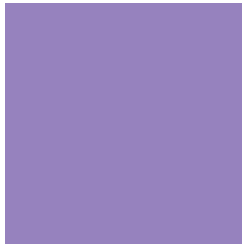


1F0014



# Previews

## White Background



This preview shows how the Hex color 9682BE looks on a white background.

## Color Contrast Check

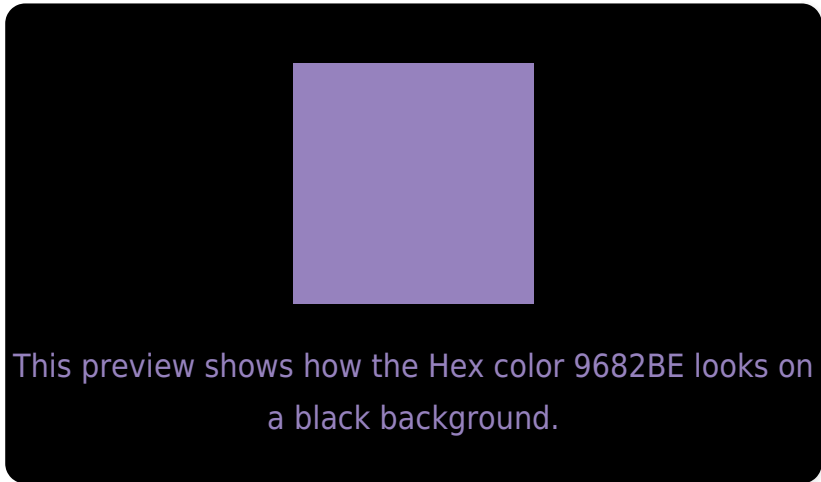
Large Text (above 18pt) WCAG AA ✓ Pass

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

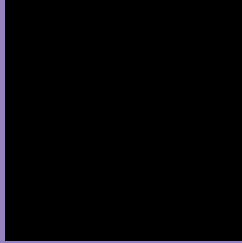
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9682BE Background



This preview shows how black text looks on a background with the Hex color 9682BE.



This preview shows how white text looks on a background with the Hex color 9682BE.

# 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](#).

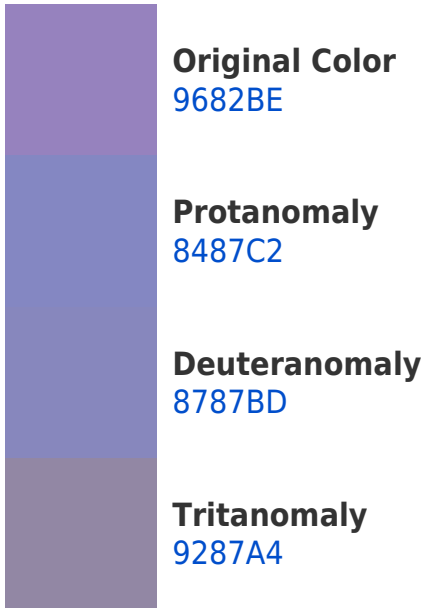
## Dichromacy



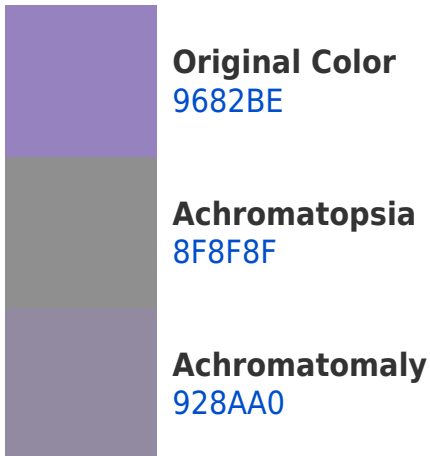


**Tritanopia**  
8F8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9682BE 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 #9682BE looks like.

```
.text, #text, p{  
    color:#9682BE  
}
```

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 #9682BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9682BE
}
```

## Border

The CSS property to change the border of an element to Hex 9682BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

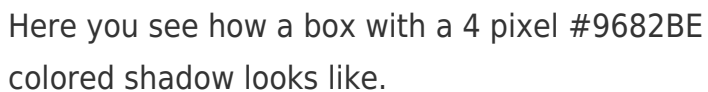
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9682BE }
```

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

```
.border{ border-color:#9682BE }
```

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



Here you see how a box with a 4 pixel #9682BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9682BE; -webkit-box-shadow:4px 4px  
4px 4px #9682BE; box-shadow:4px 4px 4px  
4px #9682BE }
```

# Background

The CSS property to change the background color of an element to Hex 9682BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9682BE }
```

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

```
.background{ background-color:#9682BE }
```

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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