

# Converting Colors

Hex(9582BE)

Have a look what the booklet for  
Hex(9582BE) contains.

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# Color

Hex(9582BE)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 9582BE                     |
| RGB         | 149, 130, 190              |
| RGB Percent | 58%, 51%, 75%              |
| CMY         | 0.4157, 0.4902, 0.2549     |
| CMYK        | 0.22, 0.32, 0.00, 0.25     |
| HSL         | 259°, 32%, 63%             |
| HSV         | 259°, 32%, 75%             |
| XYZ         | 29.6713, 26.0725, 52.1839  |
| YIQ         | 142.5210, -7.9360, 22.6880 |

# Conversions

## Conversions Part 2

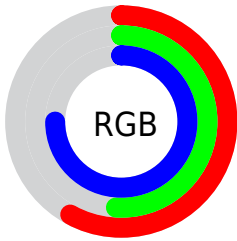
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 149, 130, 190                 |
| Decimal                             | 9798334                       |
| CIE Lab                             | 58.11, 19.76, -28.75          |
| CIE LCh                             | 58, 34.884, 304.509           |
| Yxy                                 | 26.0725, 0.2749,<br>0.2416    |
| Android<br>(android.graphics.Color) | 4287988414<br>(0xFF9582BE)    |
| YUV                                 | 142.5210, 23.4071,<br>5.6821  |
| Hunter-Lab                          | 51.0613, 14.3678,<br>-24.8506 |

# Details

The Hex color **9582BE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ABBE82**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CCB7F7**, and **615188** is the 20% darker color. If you saturate the color by 10%, you get **886FBE**, and if you desaturate by 10%, it is **A295BE**.

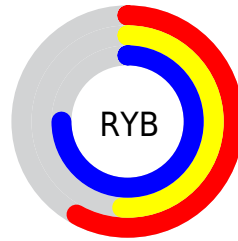
# Distribution



Red (58%)

Green (51%)

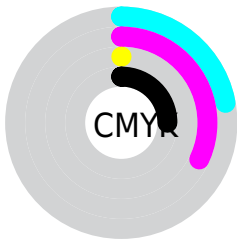
Blue (75%)



Red (58%)

Yellow (51%)

Blue (75%)

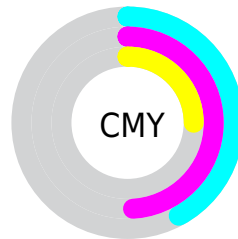


Cyan (22%)

Magenta (32%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (49%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9582BE 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 9582BE by changing the saturation by 10% instead.



■ 9582BE

■ 9582BE

FFFFFF

■ 7B69A3

■ CCB7F7

■ 615188

■ E8D3FF

■ 48396F

■ FFEFFF

■ 302456

■ 180F3F

■ 000028

■ 000112

■ 000000

■ 9582BE

■ 9582BE

886FBE

A295BE

7B5CBE

AFA8BE

6E49BE

BCBBBE

6136BE

C9CEBE

5423BE

D6E1BE

4710BE

E3F4BE

3C00BE

F0FFBE

FDFFB

FFFFB

# Harmonies

## Analogous

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



668DC8



9582BE



B678A7

# Triad

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



9582BE



B58155



239C8F

# Complementary

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



9582BE



ABBE82

# 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.



559A70



9582BE



9B8B4E

# Square

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



9582BE



C4776B



7B9458



009BAD

# Rectangle

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



9582BE



C27493



7B9458



369B85



# Sweetspot

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



9582BE



E8E1F7



82ABBE



746F7D



FCFCFC



7D7D7D



# Same Dimension

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



9582BE



B799F7



B382BE



58555E



32009E



0A001F



# Inverse Universe

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



BE82AB



F799DA



8DBE82



5E555B



9E006C

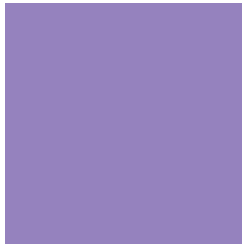


1F0015



# Previews

## White Background



This preview shows how the Hex color 9582BE looks on a white background.

## Color Contrast Check

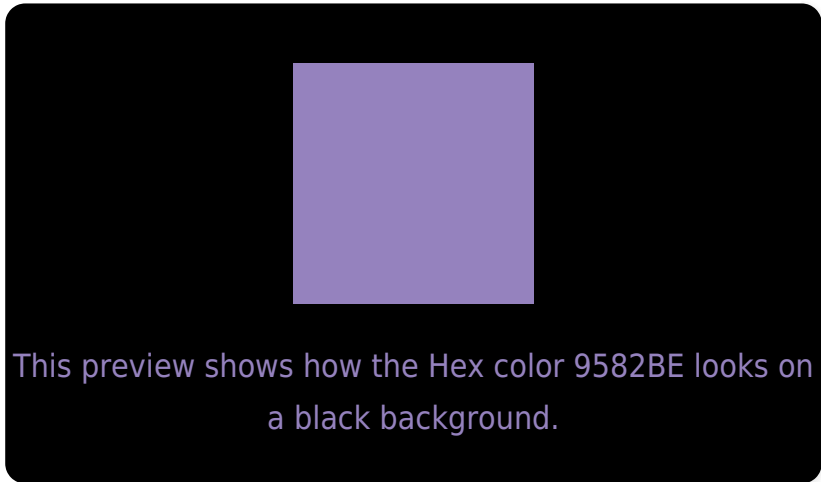
Large Text (above 18pt) WCAG AA ✓ Pass

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 9582BE Background



This preview shows how black text looks on a background with the Hex color 9582BE.



This preview shows how white text looks on a background with the Hex color 9582BE.

# 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](#).

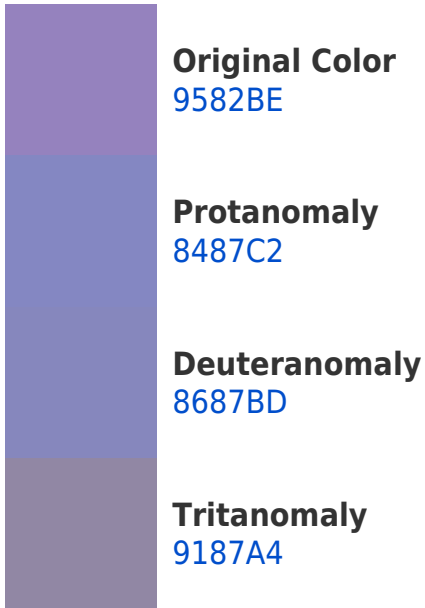
## Dichromacy



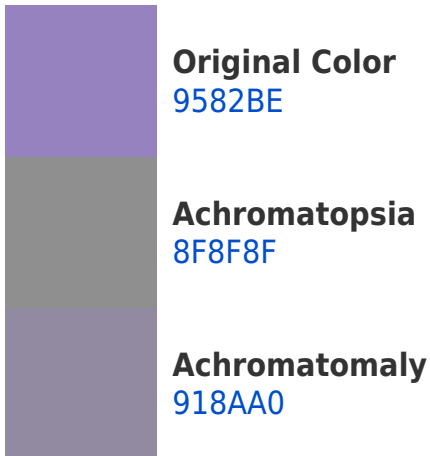


**Tritanopia**  
8E8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9582BE 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 #9582BE looks like.

```
.text, #text, p{  
    color:#9582BE  
}
```

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 #9582BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9582BE
}
```

## Border

The CSS property to change the border of an element to Hex 9582BE 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
#9582BE }
```

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

```
.border{ border-color:#9582BE }
```

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

Here you see how a box with a 4 pixel #9582BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9582BE; -webkit-box-shadow:4px 4px  
4px 4px #9582BE; box-shadow:4px 4px 4px  
4px #9582BE }
```

# Background

The CSS property to change the background color of an element to Hex 9582BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9582BE }
```

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

```
.background{ background-color:#9582BE }
```

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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