

# Converting Colors

Hex(958BC7)

Have a look what the booklet for  
Hex(958BC7) contains.

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# **Color**

**Hex(958BC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	958BC7
RGB	149, 139, 199
RGB Percent	58%, 55%, 78%
CMY	0.4157, 0.4549, 0.2196
CMYK	0.25, 0.30, 0.00, 0.22
HSL	250°, 35%, 66%
HSV	250°, 30%, 78%
XYZ	31.9358, 28.9783, 57.9430
YIQ	148.8300, -13.3000, 20.7800

# Conversions

## Conversions Part 2

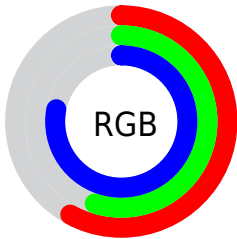
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 139, 199
Decimal	9800647
CIE <sub>Lab</sub>	60.76, 16.73, -29.72
CIE <sub>LCh</sub>	61, 34.109, 299.373
Yxy	28.9783, 0.2687, 0.2438
Android (android.graphics.Color)	4287990727 (0xFF958BC7)
YUV	148.8300, 24.7338, 0.1491
Hunter-Lab	53.8315, 11.6910, -26.1363

# Details

The Hex color **958BC7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BDC78B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CCC1FF**, and **615991** is the 20% darker color. If you saturate the color by 10%, you get **8477C7**, and if you desaturate by 10%, it is **A69FC7**.

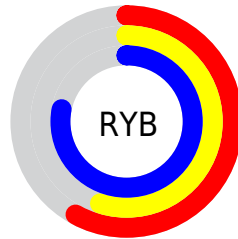
# Distribution



Red (58%)

Green (55%)

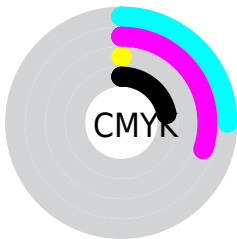
Blue (78%)



Red (58%)

Yellow (55%)

Blue (78%)

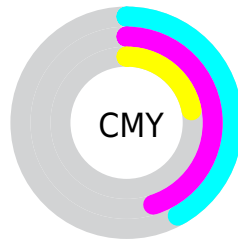


Cyan (25%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (45%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 958BC7 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 958BC7 by changing the saturation by 10% instead.



■ 958BC7

■ 958BC7

FFFFFF

■ 7B72AC

■ CCC1FF

■ 615991

■ E9DCFF

■ 484277

■ FFF9FF

■ 2F2B5E

■ 161746

■ 030030

■ 00011A

■ 000000

■ 958BC7

■ 958BC7

8477C7

A69FC7

7463C7

B6B3C7

634FC7

C7C7C7

533BC7

D7DBC7

4227C7

E8EFC7

3214C7

F9FFC7

2100C7

FFFFC7

# Harmonies

## Analogous

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



6596CE



958BC7



B881B2

# Triad

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



958BC7



BF8660



3AA391

# Complementary

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



958BC7



BDC78B

# 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.



64A073



958BC7



A79156

# Square

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



958BC7



CC7E77



889A5D



09A2AF

# Rectangle

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



958BC7



C67C9F



889A5D



49A286



# Sweetspot

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



958BC7



ECE8FF



8BBDC7



747180



000000



808080



# Same Dimension

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



958BC7



B3A3FF



B38BC7



5B5A63



1B00A3



060024



# Inverse Universe

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



C78BBD



FFA3F0



9FC78B



635A62



A30088

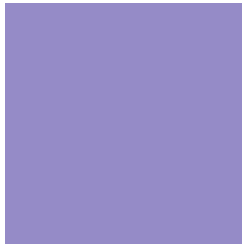


24001E



# Previews

## White Background



This preview shows how the Hex color 958BC7 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 958BC7 Background



This preview shows how black text looks on a background with the Hex color 958BC7.



This preview shows how white text looks on a background with the Hex color 958BC7.

# 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](#).

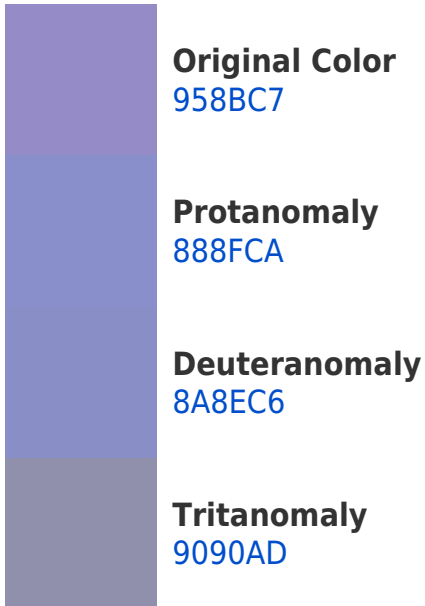
## Dichromacy



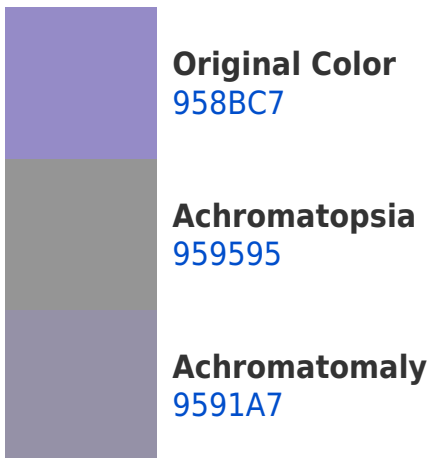


**Tritanopia**  
8D939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 958BC7 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 #958BC7 looks like.

```
.text, #text, p{  
    color:#958BC7  
}
```

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 #958BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958BC7
}
```

## Border

The CSS property to change the border of an element to Hex 958BC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

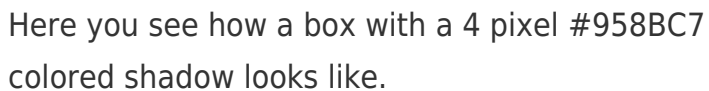
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#958BC7 }
```

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

```
.border{ border-color:#958BC7 }
```

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



Here you see how a box with a 4 pixel #958BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958BC7; -webkit-box-shadow:4px 4px  
4px 4px #958BC7; box-shadow:4px 4px 4px  
4px #958BC7 }
```

# Background

The CSS property to change the background color of an element to Hex 958BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958BC7 }
```

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

```
.background{ background-color:#958BC7 }
```

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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