

# Converting Colors

Hex(9568C7)

Have a look what the booklet for  
Hex(9568C7) contains.

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# Color

Hex(9568C7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9568C7
RGB	149, 104, 199
RGB Percent	58%, 41%, 78%
CMY	0.4157, 0.5922, 0.2196
CMYK	0.25, 0.48, 0.00, 0.22
HSL	268°, 46%, 59%
HSV	268°, 48%, 78%
XYZ	27.6535, 20.4137, 56.5156
YIQ	128.2850, -3.6750, 39.0850

# Conversions

## Conversions Part 2

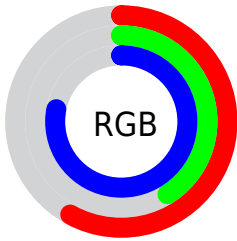
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 104, 199
Decimal	9791687
CIE <sub>Lab</sub>	52.30, 36.91, -42.97
CIE <sub>LCh</sub>	52, 56.646, 310.663
Yxy	20.4137, 0.2644, 0.1952
Android (android.graphics.Color)	4287981767 (0xFF9568C7)
YUV	128.2850, 34.8625, 18.1671
Hunter-Lab	45.1815, 30.1840, -42.5361

# Details

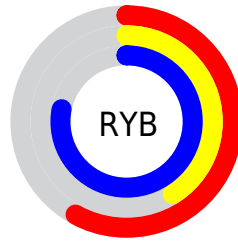
The Hex color **9568C7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9AC768**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **CD9CFF**, and **5F3790** is the 20% darker color. If you saturate the color by 10%, you get **8B54C7**, and if you desaturate by 10%, it is **9F7CC7**.

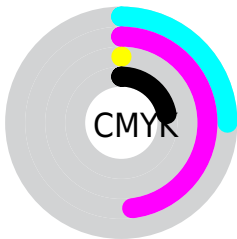
# Distribution



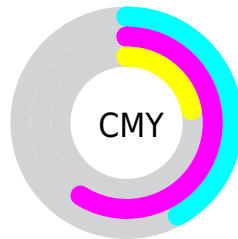
- Red (58%)
- Green (41%)
- Blue (78%)



- Red (58%)
- Yellow (41%)
- Blue (78%)



- Cyan (25%)
- Magenta (48%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (59%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9568C7 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 9568C7 by changing the saturation by 10% instead.



■ 9568C7

■ 9568C7

FFFFFF

■ 7A4FAB

■ CD9CFF

■ 5F3790

■ EAB7FF

■ 452076

■ FFD3FF

■ 2B075D

■ FFF0FF

■ 120045

■ 00012E

■ 000118

■ 000000

■ 9568C7

■ 9568C7

8B54C7

9F7CC7

8040C7

AA90C7

762CC7

B4A4C7

6B18C7

BFB8C7

6104C7

C9CCC7

5E00C7

D4DFC7

DEF3C7

E9FFC7

F3FFC7

# Harmonies

## Analogous

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



317DDD



9568C7



C4539E

# Triad

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



9568C7



AE6F19



00948D

# Complementary

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



9568C7



9AC768

# 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.



00925B



9568C7



858008

# Square

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



9568C7



CB5A40



4F8B2D



0092BB

# Rectangle

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



9568C7



D24D7E



4F8B2D



00937C



# Sweetspot

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



9568C7



ECDBFF



689BC7



746A80



000000



808080



# Same Dimension

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



9568C7



B36EFF



C468C7



5E5A63



4D00A3



110024



# Inverse Universe

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



C7689A



FF6EBA



6BC768



635A5F



A30056

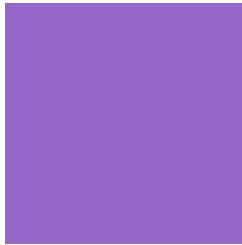


240013



# Previews

## White Background



This preview shows how the Hex color 9568C7 looks on a white background.

## Color Contrast Check

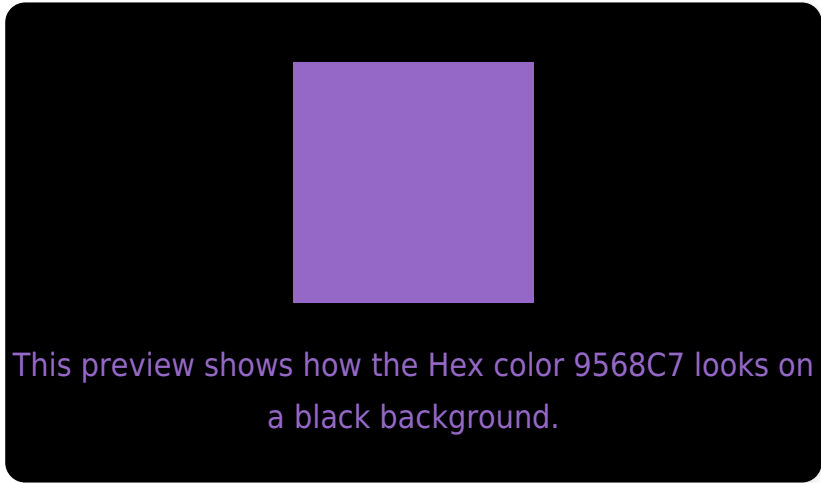
Large Text (above 18pt) WCAG AA ✓ Pass

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

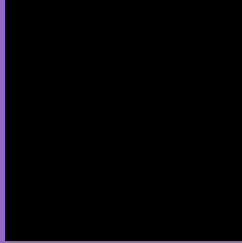
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9568C7 Background



This preview shows how black text looks on a background with the Hex color 9568C7.

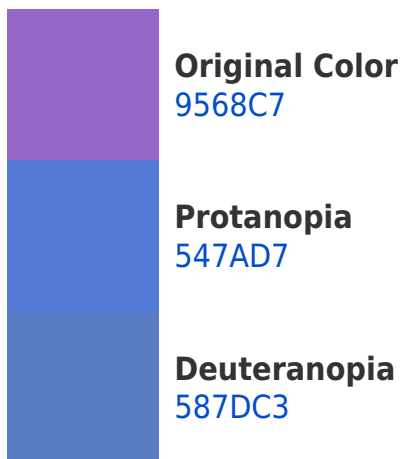


This preview shows how white text looks on a background with the Hex color 9568C7.

# 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](#).

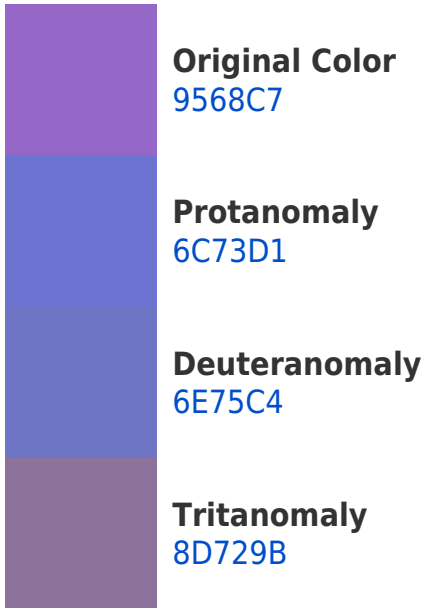
## Dichromacy



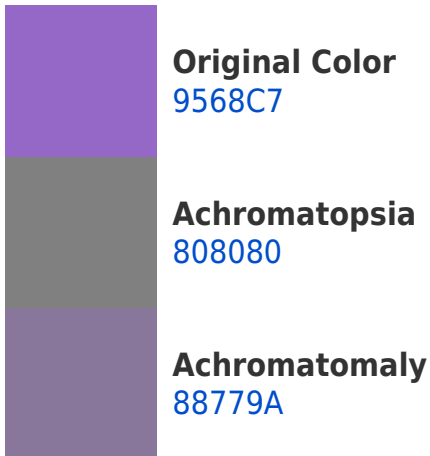


**Tritanopia**  
897882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9568C7 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 #9568C7 looks like.

```
.text, #text, p{  
    color:#9568C7  
}
```

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 #9568C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9568C7
}
```

## Border

The CSS property to change the border of an element to Hex 9568C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

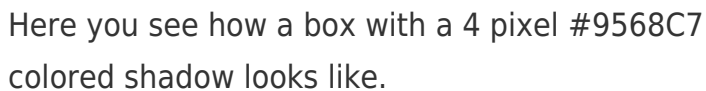
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9568C7 }
```

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

```
.border{ border-color:#9568C7 }
```

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



Here you see how a box with a 4 pixel #9568C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9568C7; -webkit-box-shadow:4px 4px  
4px 4px #9568C7; box-shadow:4px 4px 4px  
4px #9568C7 }
```

# Background

The CSS property to change the background color of an element to Hex 9568C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9568C7 }
```

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

```
.background{ background-color:#9568C7 }
```

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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