

# Converting Colors

Hex(9689C7)

Have a look what the booklet for  
Hex(9689C7) contains.

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# **Color**

**Hex(9689C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9689C7
RGB	150, 137, 199
RGB Percent	59%, 54%, 78%
CMY	0.4118, 0.4627, 0.2196
CMYK	0.25, 0.31, 0.00, 0.22
HSL	253°, 36%, 66%
HSV	253°, 31%, 78%
XYZ	31.8321, 28.4989, 57.8559
YIQ	147.9550, -12.1540, 22.0380

# Conversions

## Conversions Part 2

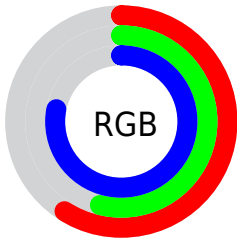
Format	Color
<a href="#">RYB</a>	<a href="#">150, 137, 199</a>
Decimal	<a href="#">9865671</a>
CIELab	<a href="#">60.34, 18.19, -30.38</a>
CIELCh	<a href="#">60, 35.405, 300.912</a>
Yxy	<a href="#">28.4989, 0.2693, 0.2411</a>
Android (android.graphics.Color)	<a href="#">4288055751 (0xFF9689C7)</a>
YUV	<a href="#">147.9550, 25.1652, 1.7935</a>
Hunter-Lab	<a href="#">53.3843, 13.0138, -26.8872</a>

# Details

The Hex color **9689C7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BAC789**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **CDBEFF**, and **625791** is the 20% darker color. If you saturate the color by 10%, you get **8675C7**, and if you desaturate by 10%, it is **A69DC7**.

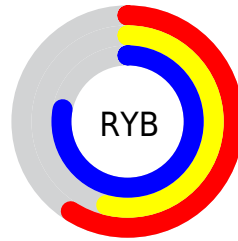
# Distribution



Red (59%)

Green (54%)

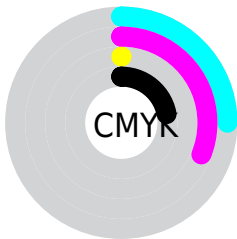
Blue (78%)



Red (59%)

Yellow (54%)

Blue (78%)

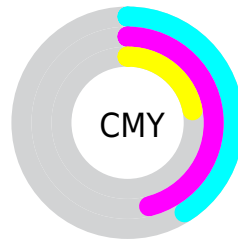


Cyan (25%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (41%)

Magenta (46%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9689C7 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 9689C7 by changing the saturation by 10% instead.



■ 9689C7

FFFFFF

■ CDBEFF

■ EADAFF

■ FFF7FF

■ 9689C7

■ 7B70AC

■ 625791

■ 494077

■ 302A5E

■ 171546

■ 040030

■ 00011A

■ 000000

■ 9689C7

■ 9689C7

8675C7

A69DC7

7761C7

B5B1C7

674DC7

C5C5C7

5739C7

D5D9C7

4726C7

E5EDC7

3812C7

F4FFC7

2A00C7

FFFFC7

# Harmonies

## Analogous

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



6494CF



9689C7



B97EB0

# Triad

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



9689C7



BE855C



30A291

# Complementary

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



9689C7



BAC789

# 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.



5E9F72



9689C7



A59052

# Square

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



9689C7



CC7C73



84995B



00A1B0

# Rectangle

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



9689C7



C87A9C



84995B



41A187



# Sweetspot

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



9689C7



EDE8FF



89BBC7



747180



000000



808080



# Same Dimension

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



9689C7



B4A1FF



B489C7



5C5A63



2200A3



070024



# Inverse Universe

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



C789BA



FFA1EB



9CC789



635A61



A30081



24001C



# Previews

## White Background



This preview shows how the Hex color 9689C7 looks on a white background.

## Color Contrast Check

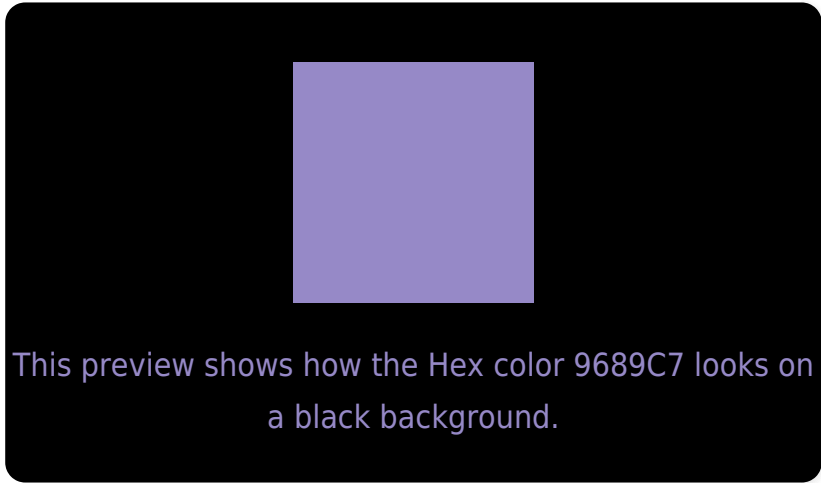
Large Text (above 18pt) WCAG AA ✓ Pass

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

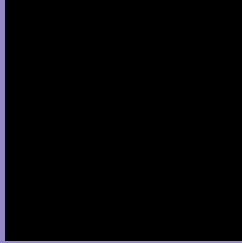
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9689C7 Background



This preview shows how black text looks on a background with the Hex color 9689C7.

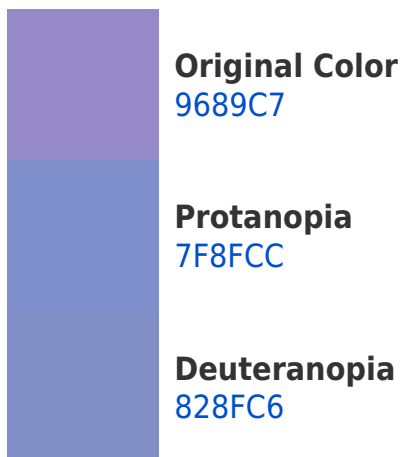


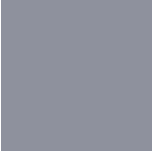
This preview shows how white text looks on a background with the Hex color 9689C7.

# 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](#).

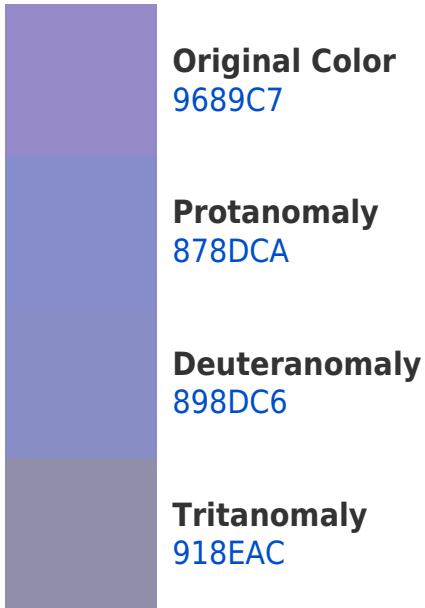
## Dichromacy



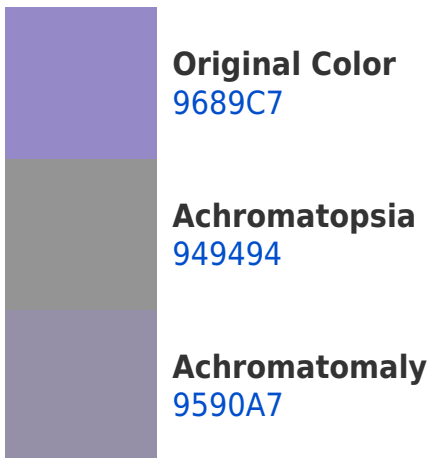


**Tritanopia**  
8E919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9689C7 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 #9689C7 looks like.

```
.text, #text, p{  
    color:#9689C7  
}
```

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 #9689C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9689C7
}
```

## Border

The CSS property to change the border of an element to Hex 9689C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

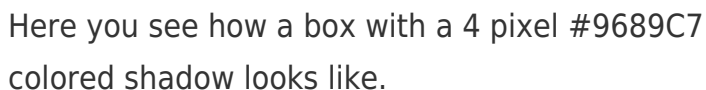
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9689C7 }
```

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

```
.border{ border-color:#9689C7 }
```

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



Here you see how a box with a 4 pixel #9689C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9689C7; -webkit-box-shadow:4px 4px  
4px 4px #9689C7; box-shadow:4px 4px 4px  
4px #9689C7 }
```

# Background

The CSS property to change the background color of an element to Hex 9689C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9689C7 }
```

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

```
.background{ background-color:#9689C7 }
```

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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