

# Converting Colors

Hex(9764A7)

Have a look what the booklet for  
Hex(9764A7) contains.

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# Color

Hex(9764A7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9764A7
RGB	151, 100, 167
RGB Percent	59%, 39%, 65%
CMY	0.4078, 0.6078, 0.3451
CMYK	0.10, 0.40, 0.00, 0.35
HSL	286°, 28%, 52%
HSV	286°, 40%, 65%
XYZ	24.2947, 18.4837, 38.8464
YIQ	122.8870, 8.8890, 31.6490

# Conversions

## Conversions Part 2

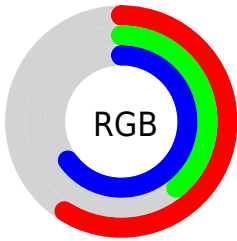
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 100, 167
Decimal	9921703
CIE <sub>Lab</sub>	50.08, 32.50, -27.92
CIE <sub>LCh</sub>	50, 42.848, 319.333
Yxy	18.4837, 0.2976, 0.2264
Android (android.graphics.Color)	4288111783 (0xFF9764A7)
YUV	122.8870, 21.7477, 24.6551
Hunter-Lab	42.9926, 25.6315, -23.4772

# Details

The Hex color **9764A7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **74A764**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CE98DE**, and **633373** is the 20% darker color. If you saturate the color by 10%, you get **9353A7**, and if you desaturate by 10%, it is **9B75A7**.

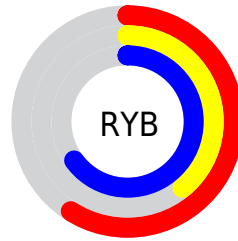
# Distribution



Red (59%)

Green (39%)

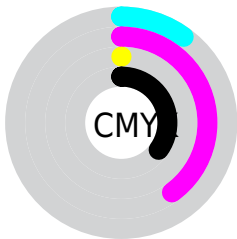
Blue (65%)



Red (59%)

Yellow (39%)

Blue (65%)

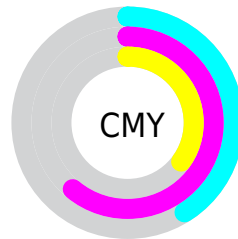


Cyan (10%)

Magenta (40%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (61%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9764A7 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 9764A7 by changing the saturation by 10% instead.



9764A7

9764A7

FFFFFF

7C4B8C

CE98DE

633373

EBB3FB

4A1C5A

FFCFFF

310442

FFEBFF

20002C

000116

000000

9764A7

9764A7

9353A7

9B75A7

8F43A7

9F85A7

8B32A7

A396A7

8721A7

A7A7A7

8311A7

ABB7A7

7F00A7

AFC8A7

B3D9A7

B7EAA7

BBFAA7

# Harmonies

## Analogous

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



6373BC



9764A7



B45986

# Triad

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



9764A7



97712D



00898E

# Complementary

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



9764A7



74A764

# 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.



008868



9764A7



757C2E

# Square

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



9764A7



B06341



4A8446



0086AE

# Rectangle

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



9764A7



BB576D



4A8446



008982



# Sweetspot

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



9764A7



D3BFD9



6475A7



6A5E6E



EDEDED



6E6E6E



# Same Dimension

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



9764A7



C071D9



A76496



524C54



710094



100014



# Inverse Universe

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



A76474



D9718A



64A775



544C4E



940023

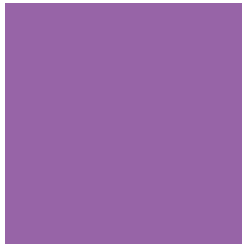


140005



# Previews

## White Background



This preview shows how the Hex color 9764A7 looks on a white background.

## Color Contrast Check

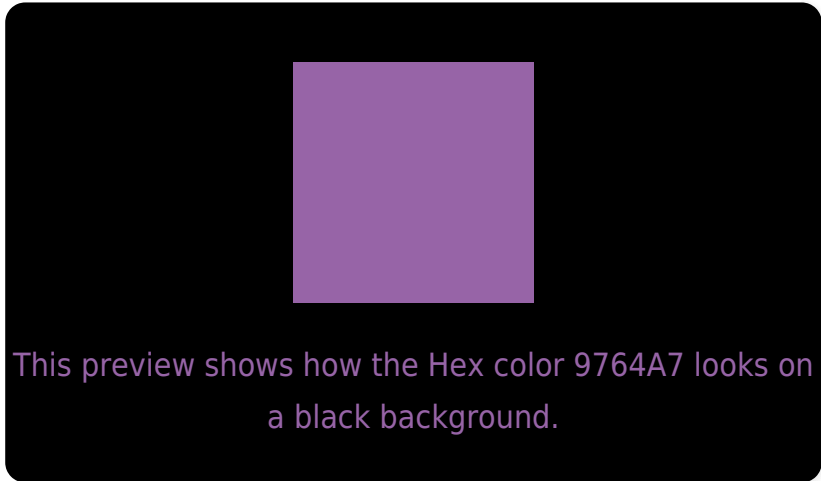
Large Text (above 18pt) WCAG AA ✓ Pass

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

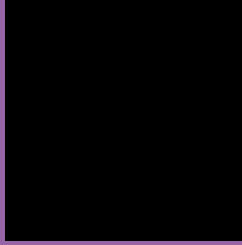
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9764A7 Background



This preview shows how black text looks on a background with the Hex color 9764A7.

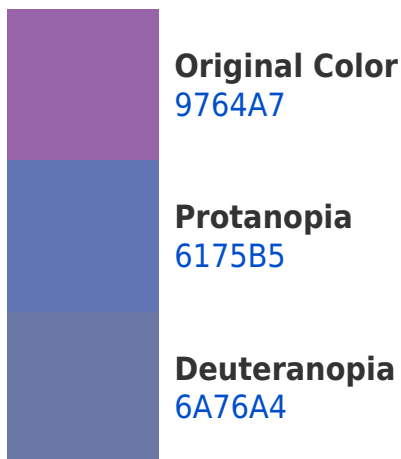


This preview shows how white text looks on a background with the Hex color 9764A7.

# 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](#).

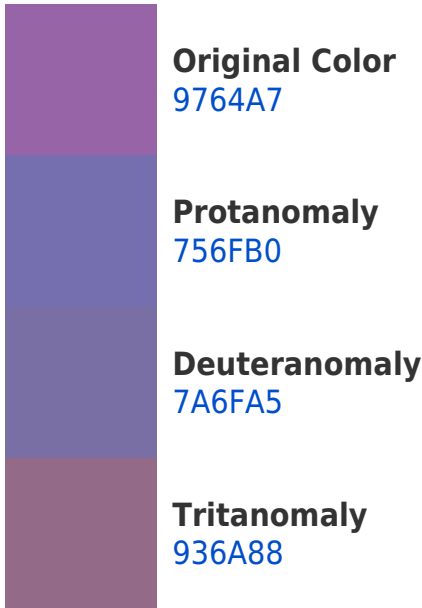
## Dichromacy



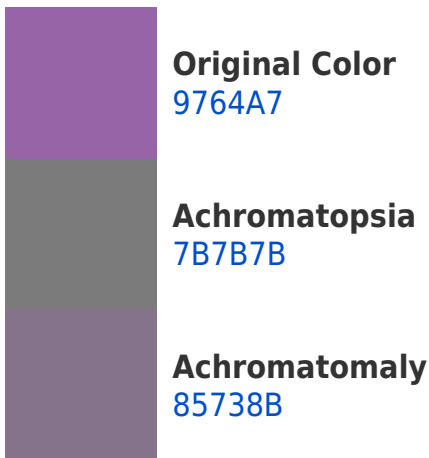


**Tritanopia**  
906E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9764A7 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 #9764A7 looks like.

```
.text, #text, p{  
    color:#9764A7  
}
```

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 #9764A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9764A7  
}
```

## Border

The CSS property to change the border of an element to Hex 9764A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

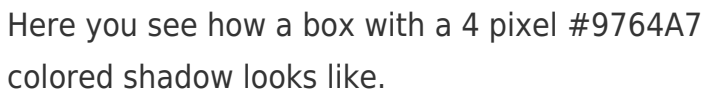
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9764A7 }
```

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

```
.border{ border-color:#9764A7 }
```

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



Here you see how a box with a 4 pixel #9764A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9764A7; -webkit-box-shadow:4px 4px  
4px 4px #9764A7; box-shadow:4px 4px 4px  
4px #9764A7 }
```

# Background

The CSS property to change the background color of an element to Hex 9764A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9764A7 }
```

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

```
.background{ background-color:#9764A7 }
```

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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