

# Converting Colors

Hex(9C76A9)

Have a look what the booklet for  
Hex(9C76A9) contains.

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**Color**

**Hex(9C76A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C76A9
RGB	156, 118, 169
RGB Percent	61%, 46%, 66%
CMY	0.3882, 0.5373, 0.3373
CMYK	0.08, 0.30, 0.00, 0.34
HSL	285°, 23%, 56%
HSV	285°, 30%, 66%
XYZ	27.3502, 22.8894, 40.5127
YIQ	135.1760, 6.2770, 23.9170

# Conversions

## Conversions Part 2

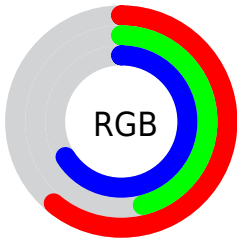
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 118, 169
Decimal	10253993
CIE Lab	54.96, 24.24, -21.51
CIE LCh	55, 32.409, 318.424
Yxy	22.8894, 0.3014, 0.2522
Android (android.graphics.Color)	4288444073 (0xFF9C76A9)
YUV	135.1760, 16.6752, 18.2626
Hunter-Lab	47.8428, 18.3176, -16.7160

# Details

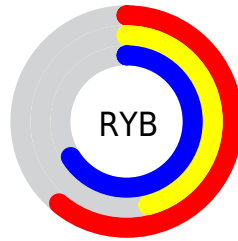
The Hex color **9C76A9** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **83A976**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D3ABE0**, and **684575** is the 20% darker color. If you saturate the color by 10%, you get **9865A9**, and if you desaturate by 10%, it is **A087A9**.

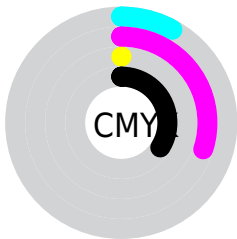
# Distribution



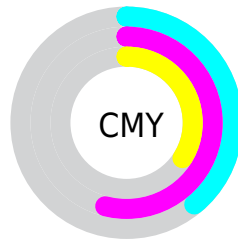
- Red (61%)
- Green (46%)
- Blue (66%)



- Red (61%)
- Yellow (46%)
- Blue (66%)



- Cyan (8%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (54%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C76A9 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 9C76A9 by changing the saturation by 10% instead.



9C76A9

9C76A9

FFFFFF

825D8E

D3ABE0

684575

F0C6FD

4F2E5C

FFE2FF

381844

22012E

000019

000000

9C76A9

9C76A9

9865A9

A087A9

9354A9

A598A9

8F43A9

A9A9A9

8B32A9

ADBAA9

8621A9

B2CAA9

8211A9

B6DBA9

7E00A9

BAECA9

BEFDA9

C3FFA9

# Harmonies

## Analogous

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



7780B9



9C76A9



B36F90

# Triad

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



9C76A9



9F7E4C



0A9294

# Complementary

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



9C76A9



83A976

# 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.



3F9277



9C76A9



84874D

# Square

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



9C76A9



B3745B



658E5D



0390AD

# Rectangle

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



9C76A9



BA6D7D



658E5D



20938B



# Sweetspot

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



9C76A9



D6C8DB



7684A9



6B626E



EDEDED



6E6E6E



# Same Dimension

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



9C76A9



C78CDB



A9769D



524C54



6E0094



0F0014



# Inverse Universe

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



A97683



DB8CA0



76A982



544C4E



940026

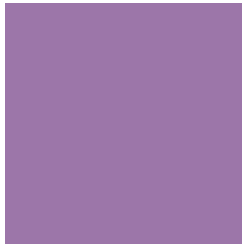


140005



# Previews

## White Background



This preview shows how the Hex color 9C76A9 looks on a white background.

## Color Contrast Check

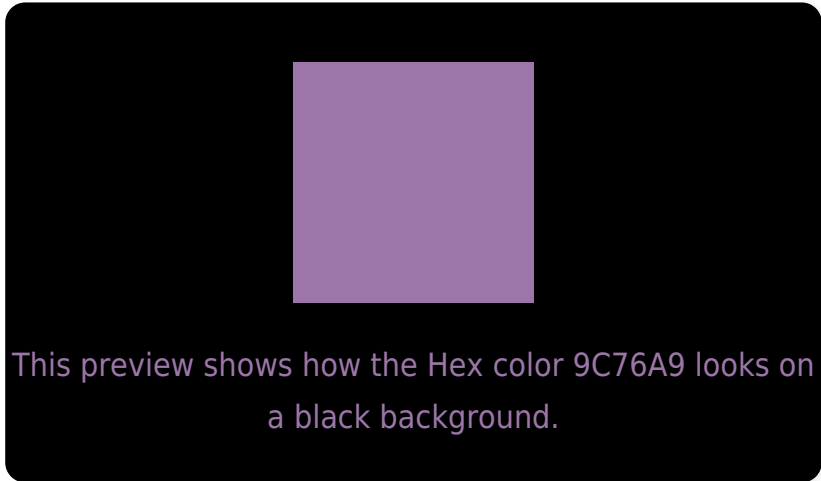
Large Text (above 18pt) WCAG AA ✓ Pass

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

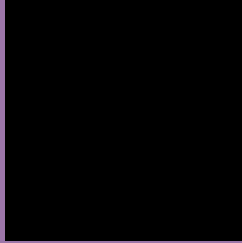
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C76A9 Background



This preview shows how black text looks on a background with the Hex color 9C76A9.



This preview shows how white text looks on a background with the Hex color 9C76A9.

# 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



**Original Color**  
9C76A9

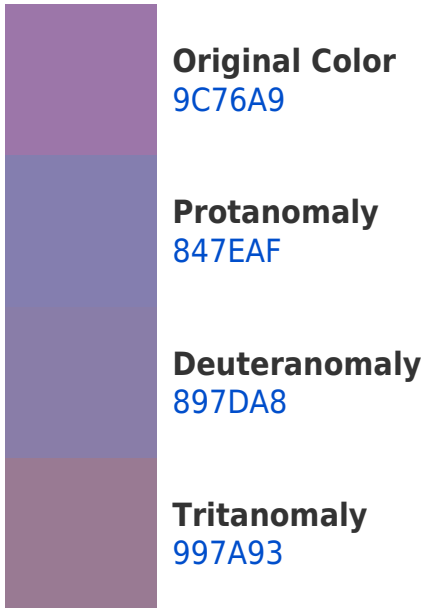
**Protanopia**  
7682B2

**Deuteranopia**  
7E81A7

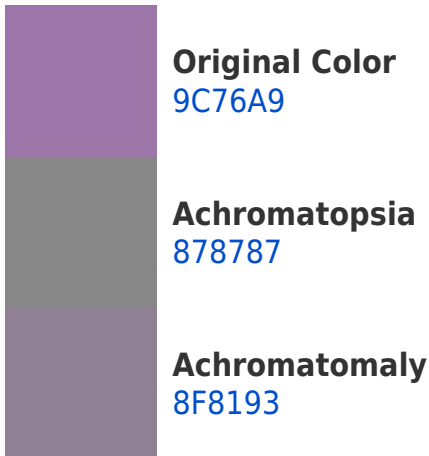


**Tritanopia**  
977D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C76A9 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 #9C76A9 looks like.

```
.text, #text, p{  
    color:#9C76A9  
}
```

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 #9C76A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C76A9
}
```

## Border

The CSS property to change the border of an element to Hex 9C76A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

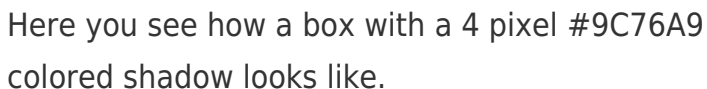
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C76A9 }
```

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

```
.border{ border-color:#9C76A9 }
```

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



Here you see how a box with a 4 pixel #9C76A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C76A9; -webkit-box-shadow:4px 4px  
4px 4px #9C76A9; box-shadow:4px 4px 4px  
4px #9C76A9 }
```

# Background

The CSS property to change the background color of an element to Hex 9C76A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C76A9 }
```

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

```
.background{ background-color:#9C76A9 }
```

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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