

# Converting Colors

Hex(99659A)

Have a look what the booklet for  
Hex(99659A) contains.

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# Color

**Hex(99659A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99659A
RGB	153, 101, 154
RGB Percent	60%, 40%, 60%
CMY	0.4000, 0.6039, 0.3961
CMYK	0.01, 0.34, 0.00, 0.40
HSL	299°, 21%, 50%
HSV	299°, 34%, 60%
XYZ	23.6233, 18.4128, 32.8808
YIQ	122.5900, 13.9790, 27.5070

# Conversions

## Conversions Part 2

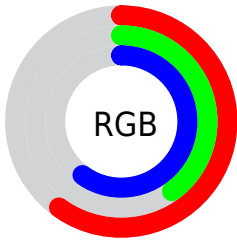
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 101, 154
Decimal	10053018
CIE <sub>Lab</sub>	49.99, 29.91, -20.40
CIE <sub>LCh</sub>	50, 36.208, 325.709
Yxy	18.4128, 0.3153, 0.2458
Android (android.graphics.Color)	4288243098 (0xFF99659A)
YUV	122.5900, 15.4851, 26.6696
Hunter-Lab	42.9101, 23.1769, -15.3952

# Details

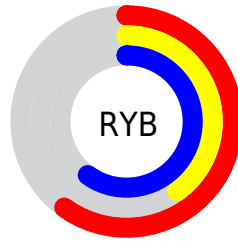
The Hex color **99659A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **669A65**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D099D1**, and **653567** is the 20% darker color. If you saturate the color by 10%, you get **99569A**, and if you desaturate by 10%, it is **99749A**.

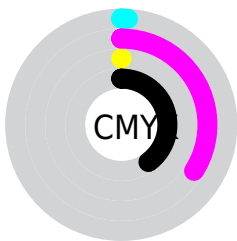
# Distribution



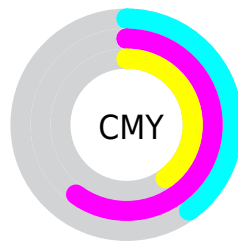
- Red (60%)
- Green (40%)
- Blue (60%)



- Red (60%)
- Yellow (40%)
- Blue (60%)



- Cyan (1%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99659A 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 99659A by changing the saturation by 10% instead.



99659A

99659A

FFFFFF

7F4C80

D099D1

653567

EDB4ED

4C1D4F

FFD0FF

340537

FFECFF

220022

000008

000000

99659A

99659A

99569A

99749A

98469A

9A849A

98379A

9A939A

98279A

9AA39A

98189A

9AB29A

97099A

9BC19A

97009A

9BD19A

9BE09A

9CF09A

# Harmonies

## Analogous

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



7371AE



99659A



AE5E7D

# Triad

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



99659A



8E7438



008691

# Complementary

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



99659A



669A65

# 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.



058671



99659A



6F7D3E

# Square

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



99659A



A56945



4A8353



0083A9

# Rectangle

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



99659A



B25E68



4A8353



008787



# Sweetspot

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



99659A



C9B5C9



65679A



665A66



E6E6E6



666666



# Same Dimension

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



99659A



C877C9



9A6581



4C454D



8A008C



0D000D



# Inverse Universe

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



9A6566



C97778



659A7E



4D4545



8C0003

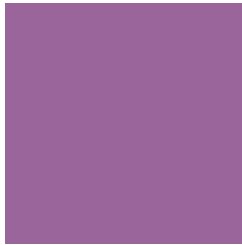


0D0000



# Previews

## White Background



This preview shows how the Hex color 99659A looks on a white background.

## Color Contrast Check

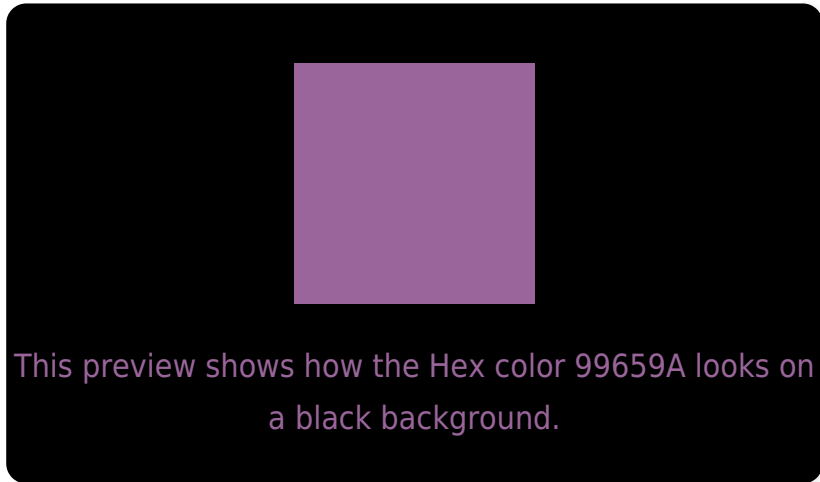
Large Text (above 18pt) WCAG AA ✓ Pass

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

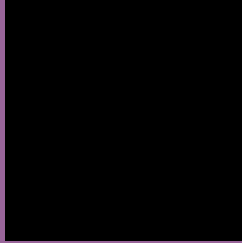
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 99659A Background



This preview shows how black text looks on a background with the Hex color 99659A.

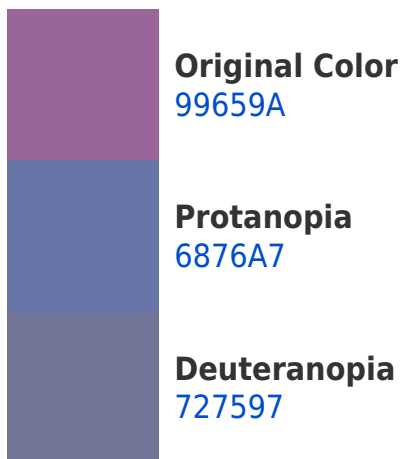



This preview shows how white text looks on a background with the Hex color 99659A.

# 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**  
946D75

# Trichromacy



**Original Color**  
99659A

**Protanomaly**  
7A70A2

**Deuteranomaly**  
806F98

**Tritanomaly**  
966A82

# Monochromacy



**Original Color**  
99659A

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
867386

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99659A 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 #99659A looks like.

```
.text, #text, p{  
    color:#99659A  
}
```

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 #99659A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99659A
}
```

## Border

The CSS property to change the border of an element to Hex 99659A is called "border". The border property can be set on classes, ids or directly on the HTML element.

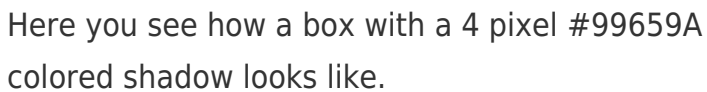
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99659A }
```

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

```
.border{ border-color:#99659A }
```

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



Here you see how a box with a 4 pixel #99659A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99659A; -webkit-box-shadow:4px 4px  
4px 4px #99659A; box-shadow:4px 4px 4px  
4px #99659A }
```

# Background

The CSS property to change the background color of an element to Hex 99659A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99659A }
```

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

```
.background{ background-color:#99659A }
```

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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