

# Converting Colors

Hex(95739E)

Have a look what the booklet for  
Hex(95739E) contains.

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# Color

**Hex(95739E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95739E
RGB	149, 115, 158
RGB Percent	58%, 45%, 62%
CMY	0.4157, 0.5490, 0.3804
CMYK	0.06, 0.27, 0.00, 0.38
HSL	287°, 18%, 54%
HSV	287°, 27%, 62%
XYZ	24.6967, 21.1197, 35.1226
YIQ	130.0680, 6.4610, 20.5810

# Conversions

## Conversions Part 2

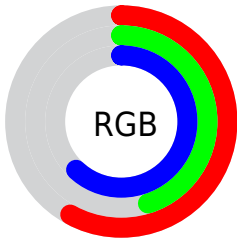
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 115, 158</a>
Decimal	<a href="#">9794462</a>
CIELab	<a href="#">53.08, 21.30, -18.06</a>
CIElCh	<a href="#">53, 27.925, 319.705</a>
Yxy	<a href="#">21.1197, 0.3051, 0.2609</a>
Android (android.graphics.Color)	<a href="#">4287984542 (0xFF95739E)</a>
YUV	<a href="#">130.0680, 13.7705, 16.6034</a>
Hunter-Lab	<a href="#">45.9561, 15.5023, -13.1439</a>

# Details

The Hex color **95739E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7C9E73**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CCA7D5**, and **62426B** is the 20% darker color. If you saturate the color by 10%, you get **92639E**, and if you desaturate by 10%, it is **98839E**.

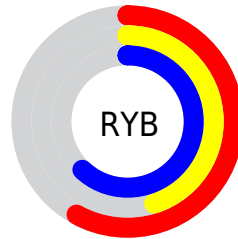
# Distribution



Red (58%)

Green (45%)

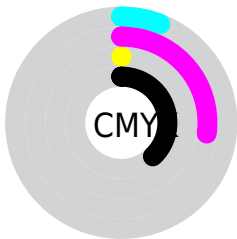
Blue (62%)



Red (58%)

Yellow (45%)

Blue (62%)

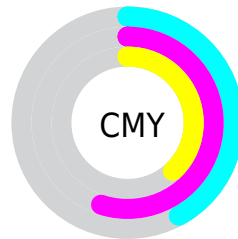


Cyan (6%)

Magenta (27%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (55%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95739E 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 95739E by changing the saturation by 10% instead.





95739E



95739E

FFFFFF



7B5A84



CCA7D5



62426B



E8C3F1



492C52



FFDFFF



32163B



FFFBFF



1E0025



00010E



000000



95739E



95739E



92639E



98839E

8E539E

9C939E

8B449E

9FA29E

88349E

A2B29E

84249E

A6C29E

81149E

A9D29E

7E049E

ACE29E

7D009E

AFF19E

B3FF9E

# Harmonies

## Analogous

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



767CAC



95739E



A86D88

# Triad

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



95739E



967A50



2B8C8E

# Complementary

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



95739E



7C9E73

# 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.



468B75



95739E



7F8251

# Square

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



95739E



A7725B



63885F



2D89A3

# Rectangle

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



95739E



AE6C78



63885F



338C86



# Sweetspot

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



95739E



CBBECF



737C9E



665E69



E8E8E8



696969



# Same Dimension

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



95739E



C08ACF



9E7392



4D474F



71008F



0C000F



# Inverse Universe

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



9E737C



CF8A99



739E7F



4F4749



8F001E



0F0003



# Previews

## White Background



This preview shows how the Hex color 95739E looks on a white background.

## Color Contrast Check

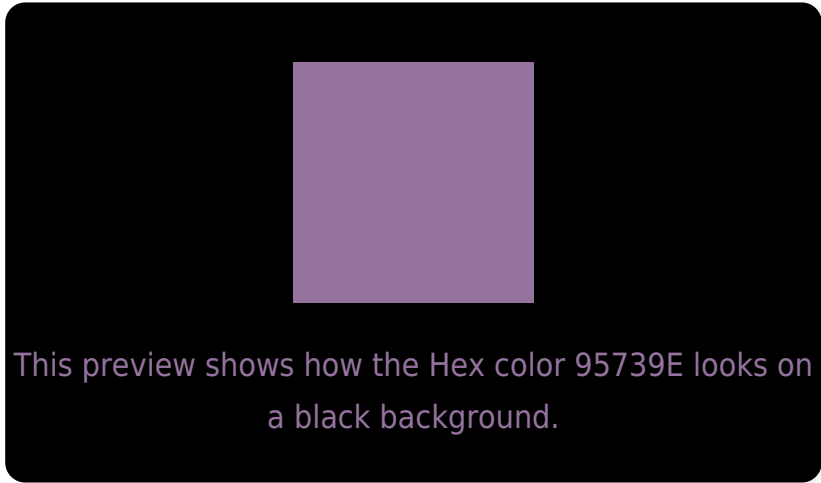
Large Text (above 18pt) WCAG AA ✓ Pass

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

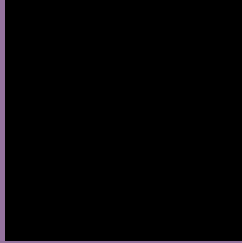
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 95739E Background



This preview shows how black text looks on a background with the Hex color 95739E.

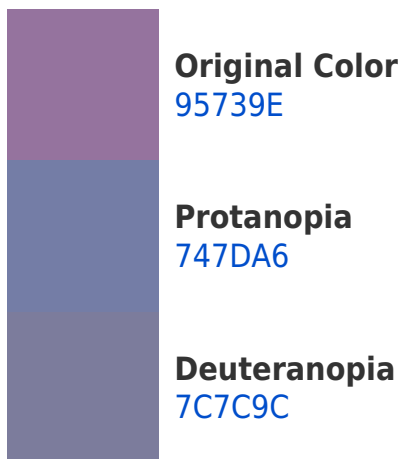


This preview shows how white text looks on a background with the Hex color 95739E.

# 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**  
917882

# Trichromacy



**Original Color**  
95739E

**Protanomaly**  
8079A3

**Deuteranomaly**  
85799D

**Tritanomaly**  
92768C

# Monochromacy



**Original Color**  
95739E

**Achromatopsia**  
828282

**Achromatomaly**  
897D8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95739E 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 #95739E looks like.

```
.text, #text, p{  
    color:#95739E  
}
```

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 #95739E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95739E
}
```

## Border

The CSS property to change the border of an element to Hex 95739E is called "border". The border property can be set on classes, ids or directly on the HTML element.

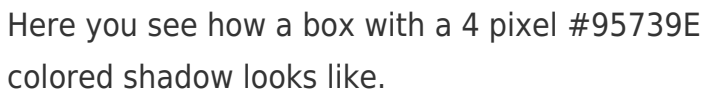
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#95739E }
```

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

```
.border{ border-color:#95739E }
```

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



Here you see how a box with a 4 pixel #95739E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95739E; -webkit-box-shadow:4px 4px  
4px 4px #95739E; box-shadow:4px 4px 4px  
4px #95739E }
```

# Background

The CSS property to change the background color of an element to Hex 95739E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95739E }
```

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

```
.background{ background-color:#95739E }
```

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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