

# Converting Colors

Hex(94899E)

Have a look what the booklet for  
Hex(94899E) contains.

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# Color

Hex(94899E)

# Conversions

## Conversions Part 1

Format	Color
Hex	94899E
RGB	148, 137, 158
RGB Percent	58%, 54%, 62%
CMY	0.4196, 0.4627, 0.3804
CMYK	0.06, 0.13, 0.00, 0.38
HSL	271°, 10%, 58%
HSV	271°, 13%, 62%
XYZ	27.3300, 26.6558, 36.0524
YIQ	142.6830, -0.1850, 8.8630

# Conversions

## Conversions Part 2

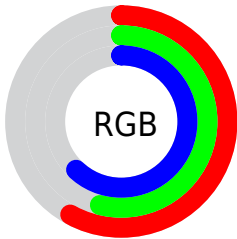
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 137, 158
Decimal	9734558
CIE Lab	58.65, 8.23, -9.65
CIE LCh	59, 12.683, 310.466
Yxy	26.6558, 0.3035, 0.2961
Android (android.graphics.Color)	4287924638 (0xFF94899E)
YUV	142.6830, 7.5513, 4.6630
Hunter-Lab	51.6293, 4.1377, -5.2613

# Details

The Hex color **94899E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **939E89**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CABED5**, and **61576B** is the 20% darker color. If you saturate the color by 10%, you get **8C799E**, and if you desaturate by 10%, it is **9C999E**.

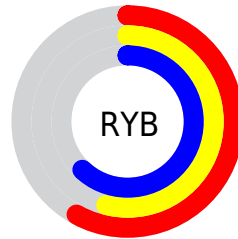
# Distribution



Red (58%)

Green (54%)

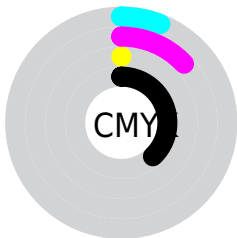
Blue (62%)



Red (58%)

Yellow (54%)

Blue (62%)

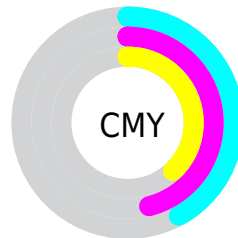


Cyan (6%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (46%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94899E 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 94899E by changing the saturation by 10% instead.



■ 94899E

■ 94899E

FFFFFF

■ 7A7084

■ CABED5

■ 61576B

■ E6DAF1

■ 494052

■ FFF7FF

■ 332A3B

■ 1D1526

■ 000011

■ 000000

■ 94899E

■ 94899E

■ 8C799E

■ 9C999E

85699E

A3A99E

7D5A9E

ABB89E

764A9E

B2C89E

6E3A9E

BAD89E

672A9E

C1E89E

5F1A9E

C9F89E

580B9E

D0FF9E

53009E

D8FF9E

# Harmonies

## Analogous

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



868DA3



94899E



9F8695

# Triad

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



94899E



9D8A78



729491

# Complementary

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



94899E



939E89

# 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.



799385



94899E



928E77

# Square

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



94899E



A3877F



85917C



71939B

# Rectangle

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



94899E



A3858D



85917C



73948D



# Sweetspot

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



94899E



CBC6CF



89939E



666369



E8E8E8



696969



# Same Dimension

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



94899E



BFAECF



9E899E



4B474F



4B008F



08000F



# Inverse Universe

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



9E8993



CFAEBD



899E89



4F474B



8F0044



0F0007



# Previews

## White Background



This preview shows how the Hex color 94899E looks on a white background.

## Color Contrast Check

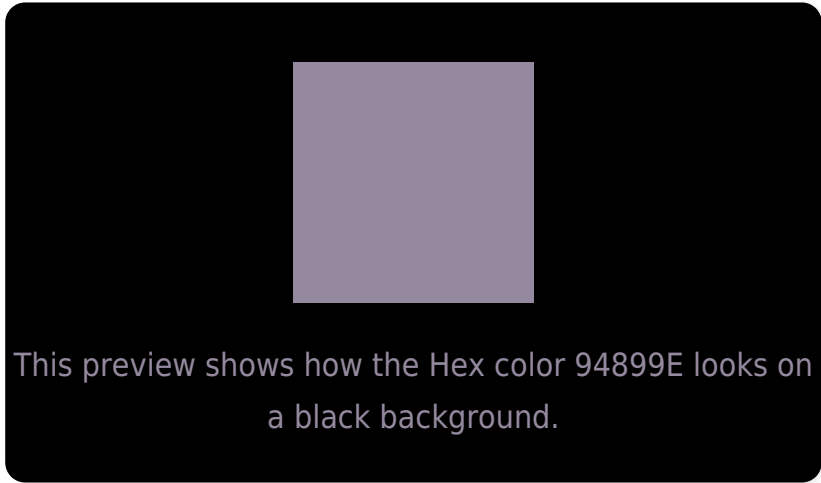
Large Text (above 18pt) WCAG AA ✓ Pass

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

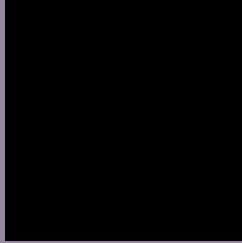
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 94899E Background



This preview shows how black text looks on a background with the Hex color 94899E.



This preview shows how white text looks on a background with the Hex color 94899E.

# 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**  
94899E

**Protanopia**  
8A8CA0

**Deuteranopia**  
93899E



**Tritanopia**  
938A95

# Trichromacy



**Original Color**  
94899E

**Protanomaly**  
8E8B9F

**Deuteranomaly**  
93899E

**Tritanomaly**  
938A98

# Monochromacy



**Original Color**  
94899E

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
918D94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94899E 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 #94899E looks like.

```
.text, #text, p{  
    color:#94899E  
}
```

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 #94899E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94899E
}
```

## Border

The CSS property to change the border of an element to Hex 94899E is called "border". The border property can be set on classes, ids or directly on the HTML element.

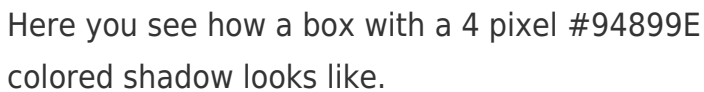
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94899E }
```

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

```
.border{ border-color:#94899E }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #94899E colored shadow looks like."

Here you see how a box with a 4 pixel #94899E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94899E; -webkit-box-shadow:4px 4px  
4px 4px #94899E; box-shadow:4px 4px 4px  
4px #94899E }
```

# Background

The CSS property to change the background color of an element to Hex 94899E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94899E }
```

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

```
.background{ background-color:#94899E }
```

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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