

# Converting Colors

Hex(94879C)

Have a look what the booklet for  
Hex(94879C) contains.

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# Color

Hex(94879C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94879C
RGB	148, 135, 156
RGB Percent	58%, 53%, 61%
CMY	0.4196, 0.4706, 0.3882
CMYK	0.05, 0.13, 0.00, 0.39
HSL	277°, 10%, 57%
HSV	277°, 13%, 61%
XYZ	26.8775, 26.0241, 35.0591
YIQ	141.2810, 1.0070, 9.2870

# Conversions

## Conversions Part 2

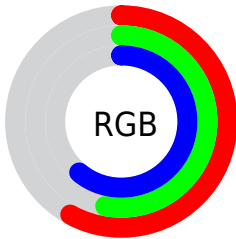
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 135, 156
Decimal	9734044
CIE <sub>Lab</sub>	58.06, 8.96, -9.39
CIE <sub>LCh</sub>	58, 12.981, 313.660
Yxy	26.0241, 0.3056, 0.2959
Android (android.graphics.Color)	4287924124 (0xFF94879C)
YUV	141.2810, 7.2565, 5.8926
Hunter-Lab	51.0139, 4.7713, -5.0371

# Details

The Hex color **94879C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F9C87**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CABCD2**, and **615569** is the 20% darker color. If you saturate the color by 10%, you get **8E779C**, and if you desaturate by 10%, it is **9A979C**.

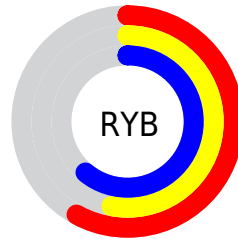
# Distribution



Red (58%)

Green (53%)

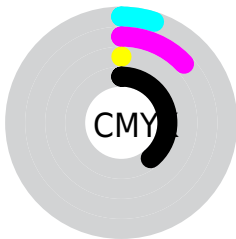
Blue (61%)



Red (58%)

Yellow (53%)

Blue (61%)

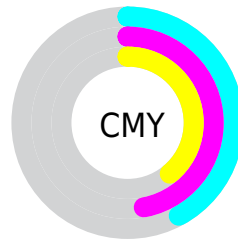


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (47%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94879C 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 94879C by changing the saturation by 10% instead.



■ 94879C

■ 94879C

FFFFFF

■ 7A6E82

■ CABCD2

■ 615569

■ E6D8EF

■ 493E51

■ FFF4FF

■ 33283A

■ 1D1424

■ 00000E

■ 000000

■ 94879C

■ 94879C

■ 8E779C

■ 9A979C

88689C

A0A69C

82589C

A6B69C

7C499C

ACC59C

76399C

B2D59C

70299C

B8E59C

6A1A9C

BEF49C

640A9C

C4FF9C

61009C

C9FF9C

# Harmonies

## Analogous

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



868BA1



94879C



9F8492

# Triad

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



94879C



9B8976



6F9290

# Complementary

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



94879C



8F9C87

# 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.



769285



94879C



8F8C76

# Square

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



94879C



A2857C



82907B



6F919B

# Rectangle

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



94879C



A3848A



82907B



71928D



# Sweetspot

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



94879C



C9C4CC



878F9C



646166



E6E6E6



666666



# Same Dimension

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



94879C



C0ABCC



9C879A



4C474F



58008F



09000F



# Inverse Universe

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



9C878F



CCABB8



879C89



4F474A



8F0036

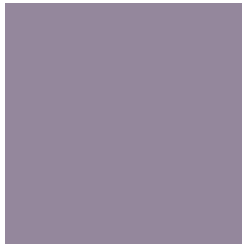


0F0006



# Previews

## White Background



This preview shows how the Hex color 94879C looks on a white background.

## Color Contrast Check

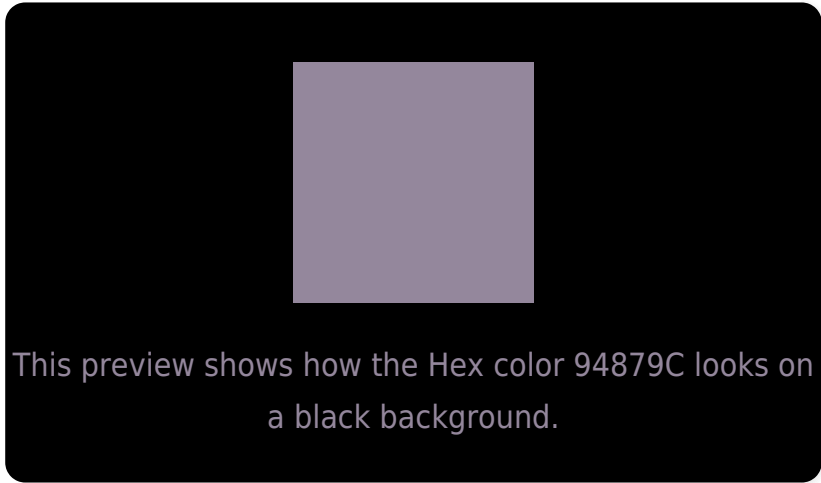
Large Text (above 18pt) WCAG AA ✓ Pass

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

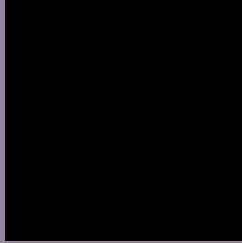
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 94879C Background



This preview shows how black text looks on a background with the Hex color 94879C.



This preview shows how white text looks on a background with the Hex color 94879C.

# 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**  
94879C

**Protanopia**  
888B9E

**Deuteranopia**  
92889C



**Tritanopia**  
938893

# Trichromacy



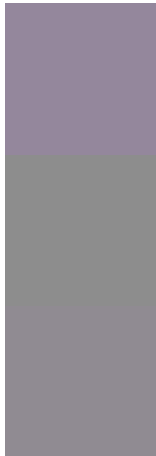
**Original Color**  
94879C

**Protanomaly**  
8C8A9D

**Deuteranomaly**  
93889C

**Tritanomaly**  
938896

# Monochromacy



**Original Color**  
94879C

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
908B92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94879C 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 #94879C looks like.

```
.text, #text, p{  
    color:#94879C  
}
```

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 #94879C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94879C
}
```

## Border

The CSS property to change the border of an element to Hex 94879C is called "border". The border property can be set on classes, ids or directly on the HTML element.

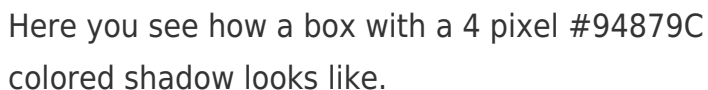
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94879C }
```

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

```
.border{ border-color:#94879C }
```

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



Here you see how a box with a 4 pixel #94879C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94879C; -webkit-box-shadow:4px 4px  
4px 4px #94879C; box-shadow:4px 4px 4px  
4px #94879C }
```

# Background

The CSS property to change the background color of an element to Hex 94879C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94879C }
```

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

```
.background{ background-color:#94879C }
```

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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