

# Converting Colors

Hex(97809A)

Have a look what the booklet for  
Hex(97809A) contains.

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# Color

**Hex(97809A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97809A
RGB	151, 128, 154
RGB Percent	59%, 50%, 60%
CMY	0.4078, 0.4980, 0.3961
CMYK	0.02, 0.17, 0.00, 0.40
HSL	293°, 11%, 55%
HSV	293°, 17%, 60%
XYZ	26.3144, 24.3507, 33.8851
YIQ	137.8410, 5.3620, 12.9620

# Conversions

## Conversions Part 2

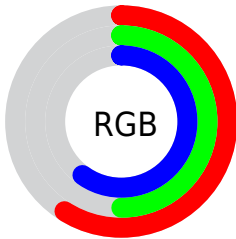
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 128, 154
Decimal	9928858
CIE <sub>Lab</sub>	56.44, 13.65, -10.64
CIE <sub>LCh</sub>	56, 17.307, 322.057
Yxy	24.3507, 0.3112, 0.2880
Android (android.graphics.Color)	4288118938 (0xFF97809A)
YUV	137.8410, 7.9664, 11.5404
Hunter-Lab	49.3465, 8.8302, -6.1706

# Details

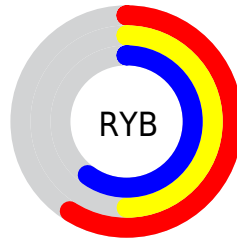
The Hex color **97809A** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **839A80**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **CDB5D0**, and **644F67** is the 20% darker color. If you saturate the color by 10%, you get **95719A**, and if you desaturate by 10%, it is **998F9A**.

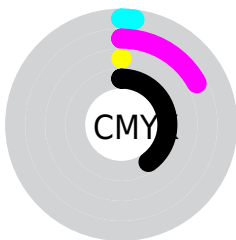
# Distribution



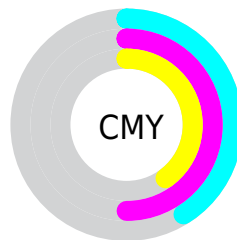
- Red (59%)
- Green (50%)
- Blue (60%)



- Red (59%)
- Yellow (50%)
- Blue (60%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (40%)



- Cyan (41%)
- Magenta (50%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97809A 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 97809A by changing the saturation by 10% instead.



■ 97809A

■ 97809A

FFFFFF

■ 7D6780

■ CDB5D0

■ 644F67

■ EAD0ED

■ 4C384F

■ FFEDFF

■ 352238

■ 1F0D22

■ 00000B

■ 000000

■ 97809A

■ 97809A

■ 95719A

■ 998F9A

93619A

9B9F9A

92529A

9CAE9A

90429A

9EBE9A

8E339A

A0CD9A

8C249A

A2DC9A

8B149A

A3EC9A

89059A

A5FB9A

88009A

A7FF9A

# Harmonies

## Analogous

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



8585A3



97809A



A37D8C

# Triad

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



97809A



97856A



5E9092

# Complementary

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



97809A



839A80

# 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.



669083



97809A



878A6B

# Square

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



97809A



A28070



768E74



628E9F

# Rectangle

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



97809A



A67D82



768E74



60908D



# Sweetspot

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



97809A



C8BFC9



80839A



656066



E6E6E6



666666



# Same Dimension

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



97809A



C5A1C9



9A8090



4C454D



7C008C



0B000D



# Inverse Universe

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



9A8083



C9A1A6



809A8A



4D4546



8C0010

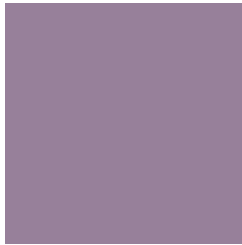


0D0001



# Previews

## White Background



This preview shows how the Hex color 97809A looks on a white background.

## Color Contrast Check

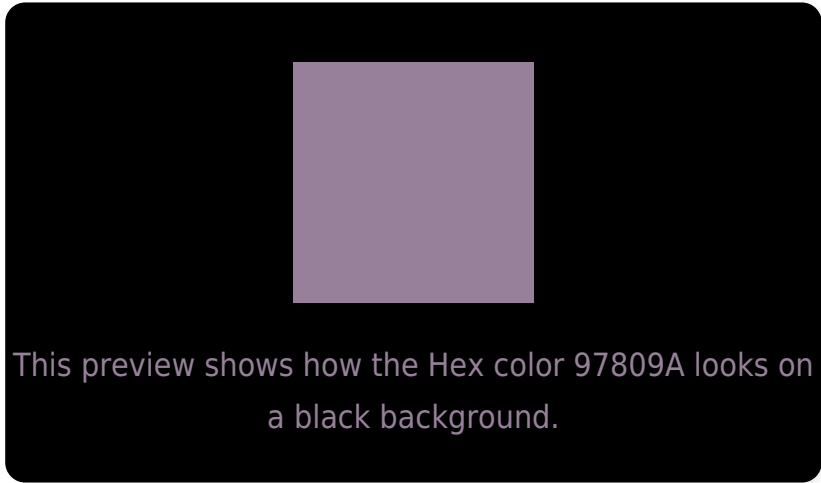
Large Text (above 18pt) WCAG AA ✓ Pass

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

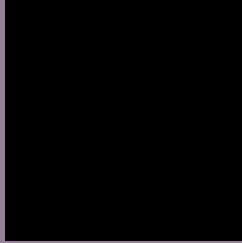
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 97809A Background



This preview shows how black text looks on a background with the Hex color 97809A.



This preview shows how white text looks on a background with the Hex color 97809A.

# 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**  
97809A

**Protanopia**  
83869E

**Deuteranopia**  
8C8499



**Tritanopia**  
95828D

# Trichromacy



**Original Color**  
97809A

**Protanomaly**  
8A849D

**Deuteranomaly**  
908399

**Tritanomaly**  
968192

# Monochromacy



**Original Color**  
97809A

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
8F8690

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97809A 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 #97809A looks like.

```
.text, #text, p{  
    color:#97809A  
}
```

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 #97809A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97809A
}
```

## Border

The CSS property to change the border of an element to Hex 97809A 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
#97809A }
```

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

```
.border{ border-color:#97809A }
```

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

Here you see how a box with a 4 pixel #97809A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97809A; -webkit-box-shadow:4px 4px  
4px 4px #97809A; box-shadow:4px 4px 4px  
4px #97809A }
```

# Background

The CSS property to change the background color of an element to Hex 97809A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97809A }
```

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

```
.background{ background-color:#97809A }
```

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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