

# Converting Colors

Hex(967894)

Have a look what the booklet for  
Hex(967894) contains.

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# Color

Hex(967894)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	967894
RGB	150, 120, 148
RGB Percent	59%, 47%, 58%
CMY	0.4118, 0.5294, 0.4196
CMYK	0.00, 0.20, 0.01, 0.41
HSL	304°, 13%, 53%
HSV	304°, 20%, 59%
XYZ	24.6394, 22.0551, 30.9754
YIQ	132.1620, 8.8920, 15.0680

# Conversions

## Conversions Part 2

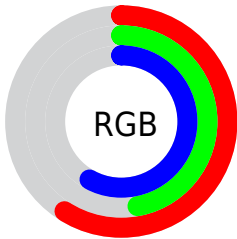
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 120, 148
Decimal	9861268
CIE <sub>Lab</sub>	54.09, 16.72, -10.70
CIE <sub>LCh</sub>	54, 19.850, 327.381
Yxy	22.0551, 0.3172, 0.2840
Android (android.graphics.Color)	4288051348 (0xFF967894)
YUV	132.1620, 7.8081, 15.6439
Hunter-Lab	46.9628, 11.4665, -6.2320

# Details

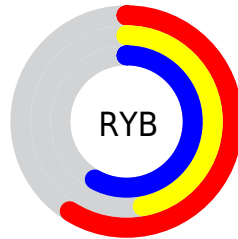
The Hex color **967894** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **78967A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **CCACCA**, and **634761** is the 20% darker color. If you saturate the color by 10%, you get **966993**, and if you desaturate by 10%, it is **968795**.

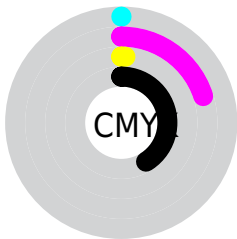
# Distribution



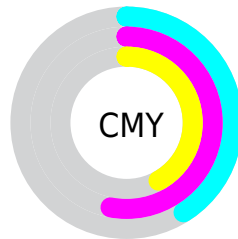
- Red (59%)
- Green (47%)
- Blue (58%)



- Red (59%)
- Yellow (47%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (41%)



- Cyan (41%)
- Magenta (53%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 967894 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 967894 by changing the saturation by 10% instead.





967894



967894

FFFFFF



7C5F7A



CCACCA



634761



E9C8E6



4B314A



FFE4FF



341B33



1F031E



000001



000000



967894



967894



966993



968795

965A92

969696

964B91

96A597

963C90

96B498

962D8F

96C399

961E8E

96D29A

960F8D

96E19B

96008C

96F09C

96FF9D

# Harmonies

## Analogous

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



827DA0



967894



A27583

# Triad

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



967894



8F805F



508B90

# Complementary

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



967894



78967A

# 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.



588B7F



967894



7D8563

# Square

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



967894



9D7A65



6A896E



56889E

# Rectangle

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



967894



A47578



6A896E



518B8B



# Sweetspot

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



967894



C2B6C1



7A7896



615A60



E0E0E0



616161



# Same Dimension

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



967894



C293BF



967885



4A4349



8A0081



0A000A



# Inverse Universe

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



967894



C293BF



789689



4A4349



8A0081

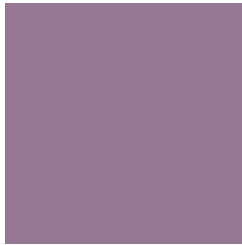


0A000A



# Previews

## White Background



This preview shows how the Hex color 967894 looks on a white background.

## Color Contrast Check

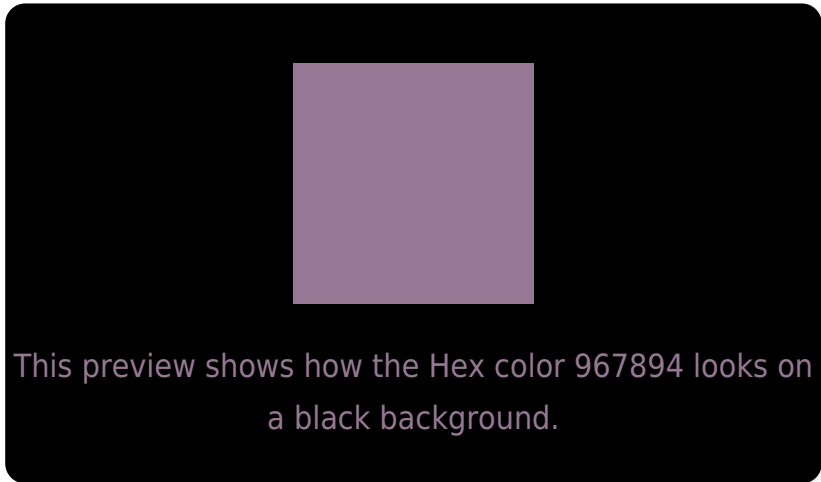
Large Text (above 18pt) WCAG AA ✓ Pass

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

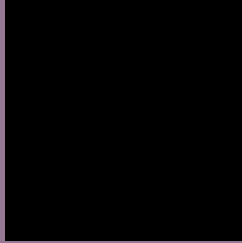
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 967894 Background



This preview shows how black text looks on a background with the Hex color 967894.



This preview shows how white text looks on a background with the Hex color 967894.

# 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**  
947B84

# Trichromacy



**Original Color**  
967894

**Protanomaly**  
857D98

**Deuteranomaly**  
8C7C93

**Tritanomaly**  
957A8A

# Monochromacy



**Original Color**  
967894

**Achromatopsia**  
848484

**Achromatomaly**  
8B808A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 967894 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 #967894 looks like.

```
.text, #text, p{  
    color:#967894  
}
```

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 #967894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #967894  
}
```

## Border

The CSS property to change the border of an element to Hex 967894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

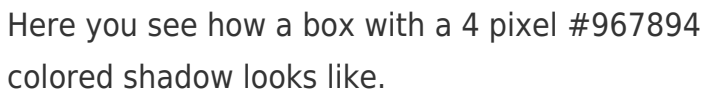
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#967894 }
```

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

```
.border{ border-color:#967894 }
```

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



Here you see how a box with a 4 pixel #967894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #967894; -webkit-box-shadow:4px 4px  
4px 4px #967894; box-shadow:4px 4px 4px  
4px #967894 }
```

# Background

The CSS property to change the background color of an element to Hex 967894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#967894 }
```

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

```
.background{ background-color:#967894 }
```

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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