

# Converting Colors

Hex(937994)

Have a look what the booklet for  
Hex(937994) contains.

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**Color**

**Hex(937994)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	937994
RGB	147, 121, 148
RGB Percent	58%, 47%, 58%
CMY	0.4235, 0.5255, 0.4196
CMYK	0.01, 0.18, 0.00, 0.42
HSL	298°, 11%, 53%
HSV	298°, 18%, 58%
XYZ	24.2153, 22.0159, 30.9902
YIQ	131.8520, 6.8290, 13.9090

# Conversions

## Conversions Part 2

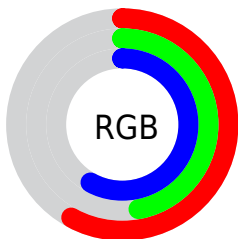
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 121, 148
Decimal	9664916
CIE <sub>Lab</sub>	54.04, 15.06, -10.79
CIE <sub>LCh</sub>	54, 18.527, 324.369
Yxy	22.0159, 0.3136, 0.2851
Android (android.graphics.Color)	4287854996 (0xFF937994)
YUV	131.8520, 7.9610, 13.2848
Hunter-Lab	46.9211, 10.0093, -6.3147

# Details

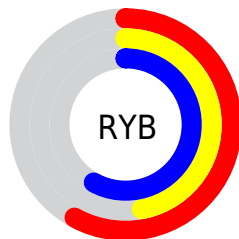
The Hex color **937994** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7A9479**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C9ADCA**, and **604861** is the 20% darker color. If you saturate the color by 10%, you get **926A94**, and if you desaturate by 10%, it is **948894**.

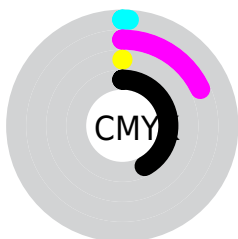
# Distribution



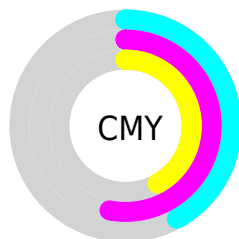
- Red (58%)
- Green (47%)
- Blue (58%)



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



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (42%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 937994 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 937994 by changing the saturation by 10% instead.



■ 937994

■ 937994

FFFFFF

■ 79607A

■ C9ADCA

■ 604861

■ E5C9E6

■ 48324A

■ FFE5FF

■ 311C33

■ 1D041E

■ 000001

■ 000000

■ 937994

■ 937994

■ 926A94

■ 948894

 925B94

 949794

 914D94

 95A594

 913E94

 95B494

 902F94

 96C394

 902094

 96D294

 8F1194

 97E194

 8F0394

 97EF94

 8F0094

 98FE94

# Harmonies

## Analogous

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



807E9E



937994



9F7685

# Triad

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



937994



907F62



548A8E

# Complementary

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



937994



7A9479

# 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.



5D8A7D



937994



7F8464

# Square

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



937994



9D7A68



6D886E



59889B

# Rectangle

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



937994



A2767A



6D886E



568A89



# Sweetspot

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



937994



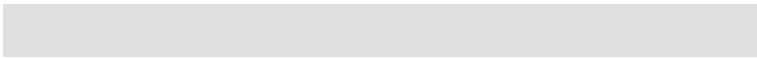
BFB6BF



797A94



615B61



E0E0E0



616161



# Same Dimension

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



937994



BE95BF



947988



4A434A



85008A



0A000A



# Inverse Universe

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



94797A



BF9597



799485



4A4343



8A0005

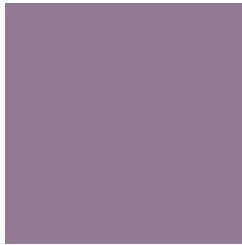


0A0000



# Previews

## White Background



This preview shows how the Hex color 937994 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 937994 Background



This preview shows how black text looks on a background with the Hex color 937994.

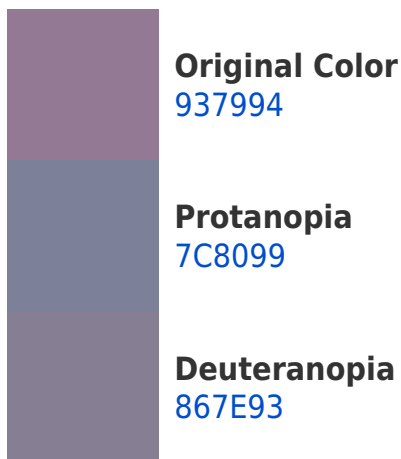


This preview shows how white text looks on a background with the Hex color 937994.

# 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**  
917C85

# Trichromacy



**Original Color**  
937994

**Protanomaly**  
847D97

**Deuteranomaly**  
8B7C93

**Tritanomaly**  
927B8A

# Monochromacy



**Original Color**  
937994

**Achromatopsia**  
848484

**Achromatomaly**  
89808A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 937994 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 #937994 looks like.

```
.text, #text, p{  
    color:#937994  
}
```

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 #937994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937994
}
```

## Border

The CSS property to change the border of an element to Hex 937994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

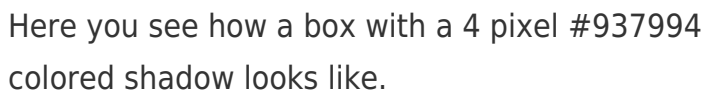
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#937994 }
```

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

```
.border{ border-color:#937994 }
```

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



Here you see how a box with a 4 pixel #937994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937994; -webkit-box-shadow:4px 4px  
4px 4px #937994; box-shadow:4px 4px 4px  
4px #937994 }
```

# Background

The CSS property to change the background color of an element to Hex 937994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937994 }
```

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

```
.background{ background-color:#937994 }
```

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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