

# Converting Colors

Hex(94717B)

Have a look what the booklet for  
Hex(94717B) contains.

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**Color**

**Hex(94717B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94717B
RGB	148, 113, 123
RGB Percent	58%, 44%, 48%
CMY	0.4196, 0.5569, 0.5176
CMYK	0.00, 0.24, 0.17, 0.42
HSL	343°, 14%, 51%
HSV	343°, 24%, 58%
XYZ	21.6930, 19.5362, 21.3664
YIQ	124.6050, 17.6500, 10.5300

# Conversions

## Conversions Part 2

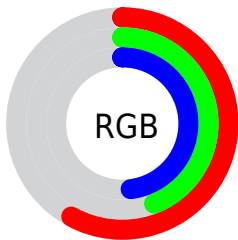
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 113, 123
Decimal	9728379
CIE <sub>Lab</sub>	51.31, 15.44, -0.17
CIE <sub>LCh</sub>	51, 15.438, 359.361
Yxy	19.5362, 0.3466, 0.3121
Android (android.graphics.Color)	4287918459 (0xFF94717B)
YUV	124.6050, -0.7913, 20.5174
Hunter-Lab	44.1998, 10.2572, 2.2788

# Details

The Hex color **94717B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **71948A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CBA5AF**, and **61414A** is the 20% darker color. If you saturate the color by 10%, you get **946270**, and if you desaturate by 10%, it is **948086**.

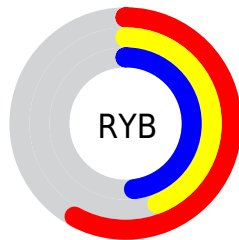
# Distribution



Red (58%)

Green (44%)

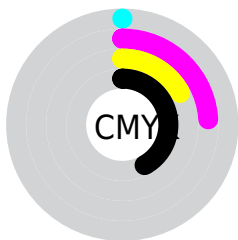
Blue (48%)



Red (58%)

Yellow (44%)

Blue (48%)

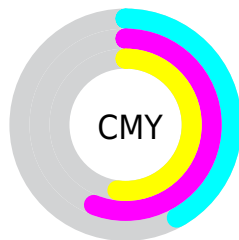


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94717B 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 94717B by changing the saturation by 10% instead.





94717B



94717B

FFFFFF



7A5862



CBA5AF



61414A



E7C0CB



482A34



FFDCE7



31151F



FFF9FF



1F0006



000000



94717B



94717B



946270



948086



945366



948F90

94455B

949D9B

943651

94ACA5

942746

94BBB0

94183C

94CABA

940931

94D9C5

94002A

94E7D0

94F6DA

# Harmonies

## Analogous

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



8B7388



94717B



95726E

# Triad

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



94717B



767D63



5C7F90

# Complementary

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



94717B



71948A

# 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.



568187



94717B



67806C

# Square

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



94717B



857960



5B8279



6B7B94

# Rectangle

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



94717B



927467



5B8279



59808E



# Sweetspot

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



94717B



BFB2B6



8A7194



61595B



E0E0E0



616161



# Same Dimension

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



94717B



BF8A99



947871



4A4345



8A0027



0A0003



# Inverse Universe

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



94717B



BF8A99



718D94



4A4345



8A0027

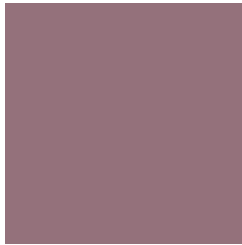


0A0003



# Previews

## White Background



This preview shows how the Hex color 94717B looks on a white background.

## Color Contrast Check

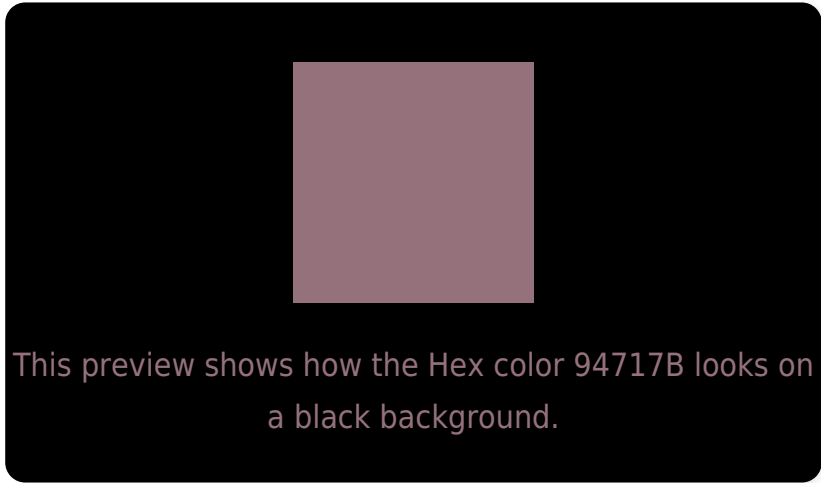
Large Text (above 18pt) WCAG AA ✓ Pass

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

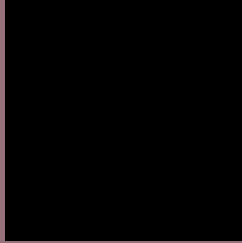
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 94717B Background



This preview shows how black text looks on a background with the Hex color 94717B.



This preview shows how white text looks on a background with the Hex color 94717B.

# 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**  
94717B

**Protanopia**  
7B7A80

**Deuteranopia**  
86777A



**Tritanopia**  
94717A

# Trichromacy



**Original Color**  
94717B

**Protanomaly**  
84777E

**Deuteranomaly**  
8B757A

**Tritanomaly**  
94717A

# Monochromacy



**Original Color**  
94717B

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
85797C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94717B 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 #94717B looks like.

```
.text, #text, p{  
    color:#94717B  
}
```

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 #94717B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94717B
}
```

## Border

The CSS property to change the border of an element to Hex 94717B is called "border". The border property can be set on classes, ids or directly on the HTML element.

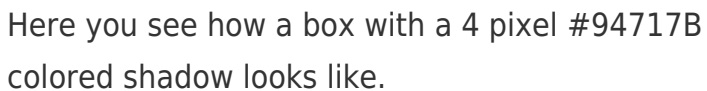
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94717B }
```

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

```
.border{ border-color:#94717B }
```

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



Here you see how a box with a 4 pixel #94717B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94717B; -webkit-box-shadow:4px 4px  
4px 4px #94717B; box-shadow:4px 4px 4px  
4px #94717B }
```

# Background

The CSS property to change the background color of an element to Hex 94717B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94717B }
```

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

```
.background{ background-color:#94717B }
```

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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