

# Converting Colors

Hex(94717A)

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

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**Color**

**Hex(94717A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 94717A                     |
| RGB           | 148, 113, 122              |
| RGB Percent   | 58%, 44%, 48%              |
| CMY           | 0.4196, 0.5569, 0.5216     |
| CMYK          | 0.00, 0.24, 0.18, 0.42     |
| HSL           | 345°, 14%, 51%             |
| HSV           | 345°, 24%, 58%             |
| XYZ           | 21.6307, 19.5113, 21.0383  |
| YIQ           | 124.4910, 17.9710, 10.2190 |

# Conversions

## Conversions Part 2

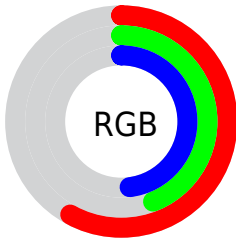
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 148, 113, 122                 |
| Decimal                             | 9728378                       |
| CIE <sub>Lab</sub>                  | 51.28, 15.27, 0.38            |
| CIE <sub>LCh</sub>                  | 51, 15.272, 1.412             |
| Yxy                                 | 19.5113, 0.3479,<br>0.3138    |
| Android<br>(android.graphics.Color) | 4287918458<br>(0xFF94717A)    |
| YUV                                 | 124.4910, -1.2281,<br>20.6174 |
| Hunter-Lab                          | 44.1716, 10.1107,<br>2.6811   |

# Details

The Hex color **94717A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **71948B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **CBA5AE**, and **614149** is the 20% darker color. If you saturate the color by 10%, you get **94626F**, and if you desaturate by 10%, it is **948085**.

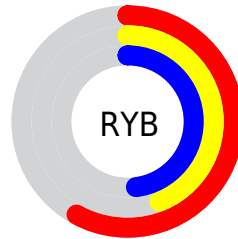
# Distribution



Red (58%)

Green (44%)

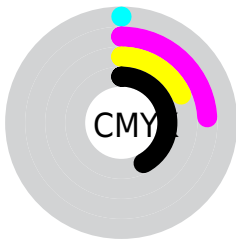
Blue (48%)



Red (58%)

Yellow (44%)

Blue (48%)

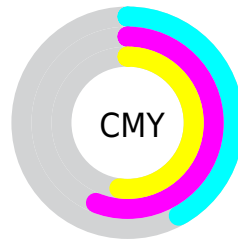


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (52%)

# Brightness & Saturation Gradients

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



 94717A

 94717A

FFFFFF

 7A5861

 CBA5AE

 614149

 E7C0CA

 482A33

 FFDCE6

 31151E

 FFF9FF

 1F0004

 000000

 94717A

 94717A

 94626F

 948085

 945364

 948F90

944559

949D9B

94364E

94ACA6

942743

94BBB1

941838

94CABC

94092D

94D9C7

940026

94E7D2

94F6DD

# Harmonies

## Analogous

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



8C7387



94717A



95726D

# Triad

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



94717A



757E64



5D7F91

# Complementary

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



94717A



71948B

# 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.



578187



94717A



67806D

# Square

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



94717A



847960



5B827A



6C7B94

# Rectangle

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



94717A



927466



5B827A



5A808E



# Sweetspot

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



94717A



BFB2B5



8B7194



61595B



E0E0E0



616161



# Same Dimension

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



94717A



BF8A97



947971



4A4344



8A0023



0A0003



# Inverse Universe

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



94717A



BF8A97



718C94



4A4344



8A0023

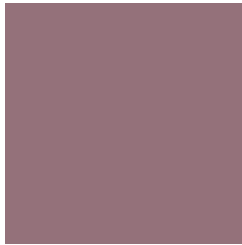


0A0003



# Previews

## White Background



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

## Color Contrast Check

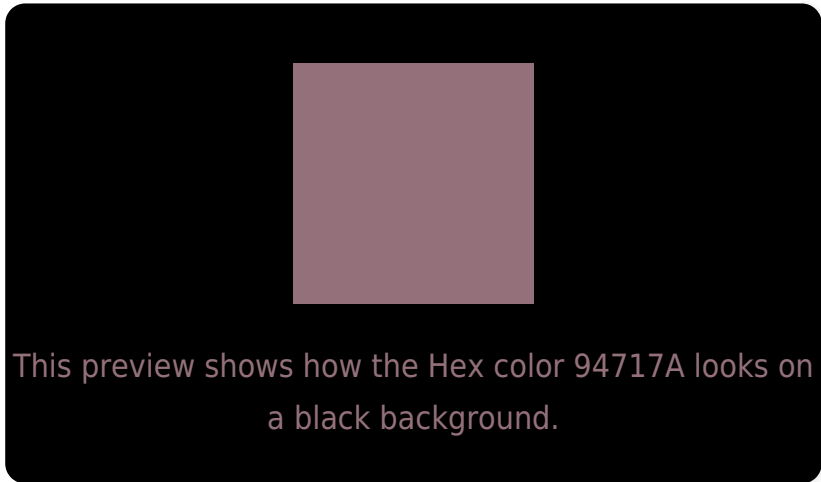
Large Text (above 18pt) WCAG AA ✓ Pass

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 94717A Background



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



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

# 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**  
94717A

**Protanopia**  
7B7A7F

**Deuteranopia**  
877679



**Tritanopia**  
94717A

# Trichromacy



**Original Color**  
94717A

**Protanomaly**  
84777D

**Deuteranomaly**  
8C7479

**Tritanomaly**  
94717A

# Monochromacy



**Original Color**  
94717A

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
85787B

# CSS Examples

## Text

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

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

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 #94717A colored shadow looks like.

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

## Border

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

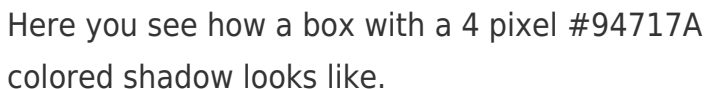
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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