

Converting Colors

Hex(93747B)

Have a look what the booklet for
Hex(93747B) contains.

Hex(93747B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93747B)

Conversions

Conversions Part 1

Format	Color
Hex	93747B
RGB	147, 116, 123
RGB Percent	58%, 45%, 48%
CMY	0.4235, 0.5451, 0.5176
CMYK	0.00, 0.21, 0.16, 0.42
HSL	346°, 13%, 52%
HSV	346°, 21%, 58%
XYZ	21.8532, 20.1239, 21.4714
YIQ	126.0670, 16.2290, 8.7490

Conversions

Conversions Part 2

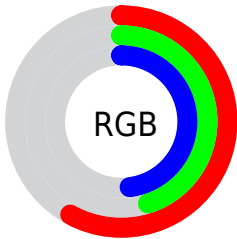
Format	Color
R_{YB}	147, 116, 123
Decimal	9663611
CIE _{Lab}	51.98, 13.31, 0.79
CIE _{LCh}	52, 13.330, 3.398
Yxy	20.1239, 0.3444, 0.3172
Android (android.graphics.Color)	4287853691 (0xFF93747B)
YUV	126.0670, -1.5120, 18.3582
Hunter-Lab	44.8597, 8.4510, 3.0235

Details

The Hex color **93747B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **74938C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C9A8AF**, and **60444A** is the 20% darker color. If you saturate the color by 10%, you get **936570**, and if you desaturate by 10%, it is **938386**.

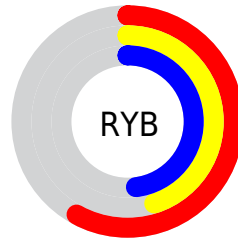
Distribution



Red (58%)

Green (45%)

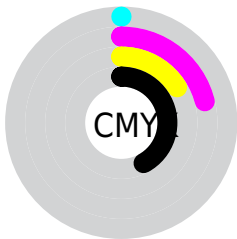
Blue (48%)



Red (58%)

Yellow (45%)

Blue (48%)

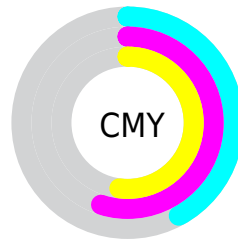


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93747B 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 93747B by changing the saturation by 10% instead.



93747B



93747B

FFFFFF



795B62



C9A8AF



60444A



E6C3CB



482D34



FFDFE7



31181F



FFFCFF



1E0006



000000



93747B



93747B



936570



938386



935764



939192

 934859

 93A09D

 93394D

 93AFA9

 932B42

 93BDB4

 931C37

 93CCBF

 930D2B

 93DBCB

 930021

 93EAD6

 93F8E1

Harmonies

Analogous

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



8C7586



93747B



937570

Triad

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



93747B



777F69



648090

Complementary

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



93747B



74938C

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.



5E8288



93747B



6A8271

Square

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



93747B



847C65



61837D



717C92

Rectangle

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



93747B



90776A



61837D



61818E

Sweetspot

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



93747B



BFB4B6



8C7493



615A5C



E0E0E0



616161

Same Dimension

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



93747B



BF8F9A



937C74



4A4344



8A001F



0A0002

Inverse Universe

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



93747B



BF8F9A



748B93



4A4344



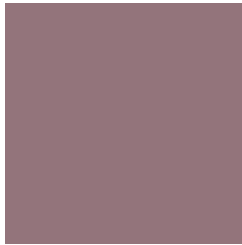
8A001F



0A0002

Previews

White Background



This preview shows how the Hex color 93747B looks on a white background.

Color Contrast Check

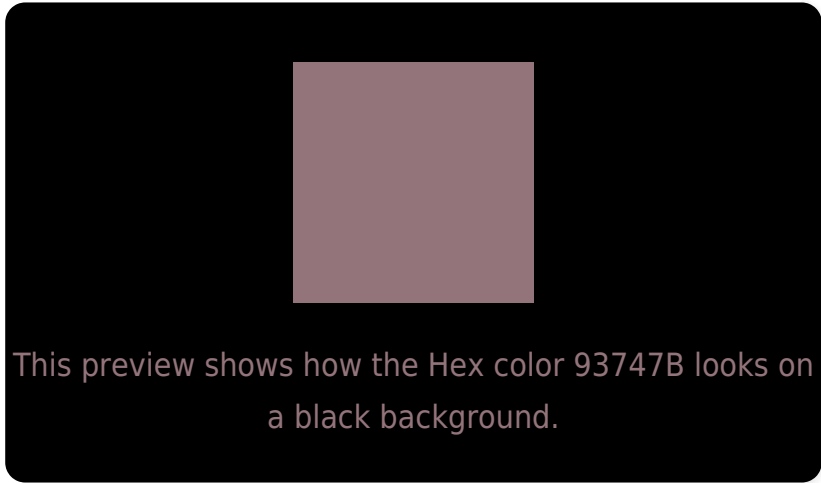
Large Text (above 18pt) WCAG AA ✓ Pass

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

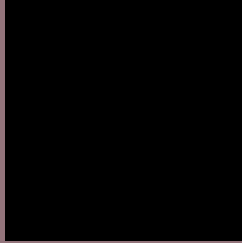
Any Text WCAG AA ✓ Pass

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 93747B Background



This preview shows how black text looks on a background with the Hex color 93747B.



This preview shows how white text looks on a background with the Hex color 93747B.

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
93747B

Protanopia
7D7B7F

Deuteranopia
89787A



Tritanopia
93747D

Trichromacy



Original Color
93747B

Protanomaly
85787E

Deuteranomaly
8D777A

Tritanomaly
93747C

Monochromacy



Original Color
93747B

Achromatopsia
7E7E7E

Achromatomaly
867A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 93747B 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 #93747B looks like.

```
.text, #text, p{  
    color:#93747B  
}
```

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 #93747B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93747B
}
```

Border

The CSS property to change the border of an element to Hex 93747B is called "border". The border property can be set on classes, ids or directly on the HTML element.

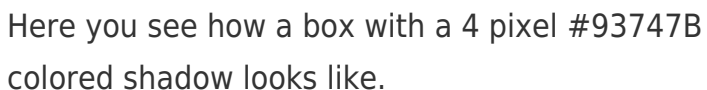
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93747B }
```

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

```
.border{ border-color:#93747B }
```

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



Here you see how a box with a 4 pixel #93747B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93747B; -webkit-box-shadow:4px 4px  
4px 4px #93747B; box-shadow:4px 4px 4px  
4px #93747B }
```

Background

The CSS property to change the background color of an element to Hex 93747B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93747B }
```

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

```
.background{ background-color:#93747B }
```

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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