

Converting Colors

Hex(93727A)

Have a look what the booklet for
Hex(93727A) contains.

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Color

Hex(93727A)

Conversions

Conversions Part 1

Format	Color
Hex	93727A
RGB	147, 114, 122
RGB Percent	58%, 45%, 48%
CMY	0.4235, 0.5529, 0.5216
CMYK	0.00, 0.22, 0.17, 0.42
HSL	345°, 13%, 51%
HSV	345°, 22%, 58%
XYZ	21.5628, 19.6428, 21.0673
YIQ	124.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

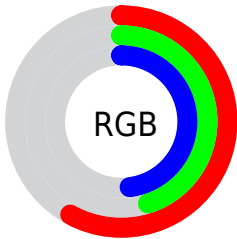
Format	Color
R_{YB}	147, 114, 122
Decimal	9663098
CIE _{Lab}	51.43, 14.30, 0.58
CIE _{LCh}	51, 14.309, 2.337
Yxy	19.6428, 0.3463, 0.3154
Android (android.graphics.Color)	4287853178 (0xFF93727A)
YUV	124.7790, -1.3700, 19.4878
Hunter-Lab	44.3202, 9.2839, 2.8410

Details

The Hex color **93727A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **72938B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **C9A6AE**, and **604249** is the 20% darker color. If you saturate the color by 10%, you get **93636F**, and if you desaturate by 10%, it is **938185**.

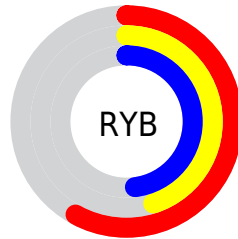
Distribution



Red (58%)

Green (45%)

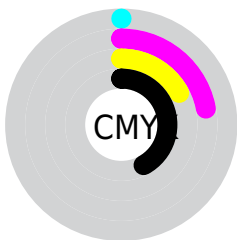
Blue (48%)



Red (58%)

Yellow (45%)

Blue (48%)

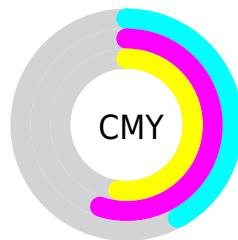


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93727A 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 93727A by changing the saturation by 10% instead.

 93727A

 93727A

FFFFFF

 795961

 C9A6AE

 604249

 E6C1CA

 482B33

 FFDDE6

 30161E

 FFFAFF

 1E0004

 000000

 93727A

 93727A

 93636F

 938185

 935564

 938F90

934659

939E9B

93374D

93ADA7

932942

93BBB2

931A37

93CABD

930B2C

93D9C8

930024

93E8D3

93F6DE

Harmonies

Analogous

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



8B7486



93727A



94736E

Triad

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



93727A



767E66



607F90

Complementary

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



93727A



72938B

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.



5A8187



93727A



68806F

Square

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



93727A



837A62



5D827B



6E7B93

Rectangle

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



93727A



907568



5D827B



5D808D

Sweetspot

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



93727A



BFB2B5



8B7293



61595B



E0E0E0



616161

Same Dimension

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



93727A



BF8C98



937A72



4A4344



8A0021



0A0002

Inverse Universe

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



93727A



BF8C98



728B93



4A4344



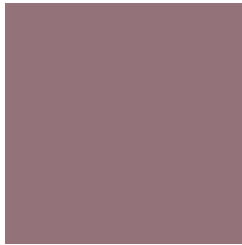
8A0021



0A0002

Previews

White Background



This preview shows how the Hex color 93727A looks on a white background.

Color Contrast Check

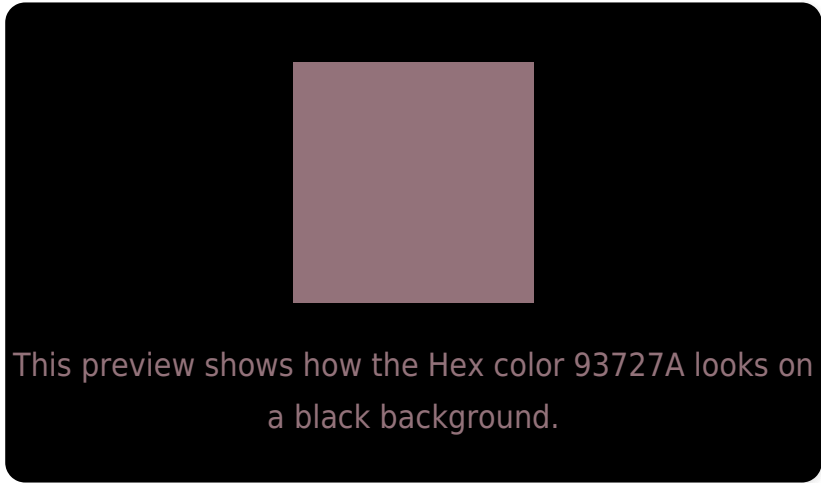
Large Text (above 18pt) WCAG AA ✓ Pass

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

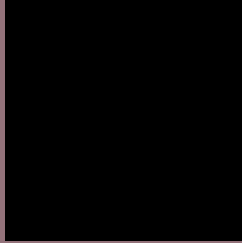
Any Text WCAG AA ✓ Pass

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 93727A Background



This preview shows how black text looks on a background with the Hex color 93727A.



This preview shows how white text looks on a background with the Hex color 93727A.

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
93727A

Protanopia
7C7A7F

Deuteranopia
877779



Tritanopia
93727B

Trichromacy



Original Color
93727A

Protanomaly
84777D

Deuteranomaly
8B7579

Tritanomaly
93727B

Monochromacy



Original Color
93727A

Achromatopsia
7D7D7D

Achromatomaly
85797C

CSS Examples

Text

The CSS property to change the color of the text to Hex 93727A 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 #93727A looks like.

```
.text, #text, p{  
    color:#93727A  
}
```

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 #93727A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93727A
}
```

Border

The CSS property to change the border of an element to Hex 93727A is called "border". The border property can be set on classes, ids or directly on the HTML element.

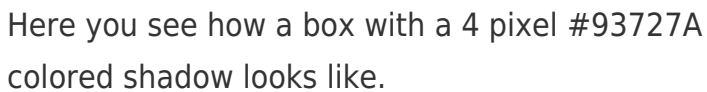
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93727A }
```

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

```
.border{ border-color:#93727A }
```

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



Here you see how a box with a 4 pixel #93727A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93727A; -webkit-box-shadow:4px 4px  
4px 4px #93727A; box-shadow:4px 4px 4px  
4px #93727A }
```

Background

The CSS property to change the background color of an element to Hex 93727A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93727A }
```

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

```
.background{ background-color:#93727A }
```

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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