

# Converting Colors

Hex(93787A)

Have a look what the booklet for  
Hex(93787A) contains.

<b>Hex(93787A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(93787A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93787A
RGB	147, 120, 122
RGB Percent	58%, 47%, 48%
CMY	0.4235, 0.5294, 0.5216
CMYK	0.00, 0.18, 0.17, 0.42
HSL	356°, 11%, 52%
HSV	356°, 18%, 58%
XYZ	22.2619, 21.0411, 21.3004
YIQ	128.3010, 15.4500, 6.3460

# Conversions

## Conversions Part 2

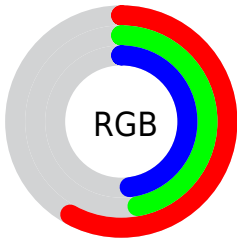
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 120, 122
Decimal	9664634
CIE <sub>Lab</sub>	52.99, 10.82, 2.85
CIE <sub>LCh</sub>	53, 11.189, 14.779
Yxy	21.0411, 0.3446, 0.3257
Android (android.graphics.Color)	4287854714 (0xFF93787A)
YUV	128.3010, -3.1064, 16.3990
Hunter-Lab	45.8706, 6.3561, 4.5777

# Details

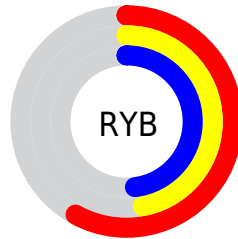
The Hex color **93787A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **789391**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C9ACAE**, and **604749** is the 20% darker color. If you saturate the color by 10%, you get **93696C**, and if you desaturate by 10%, it is **938788**.

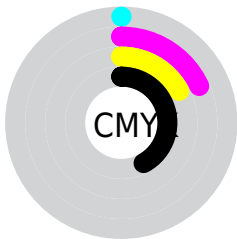
# Distribution



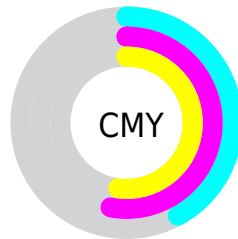
- Red (58%)
- Green (47%)
- Blue (48%)



- Red (58%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93787A 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 93787A by changing the saturation by 10% instead.





93787A



93787A

FFFFFF



795F61



C9ACAE



604749



E6C8CA



483133



FFE4E6



311C1E



1E0204



000000



93787A



93787A



93696C



938788



935B5F



939595

 934C51

 93A4A3

 933D44

 93B3B0

 932F36

 93C2BE

 932028

 93D0CC

 93111B

 93DFD9

 93020D

 93EEE7

 93000B

 93FCF4

# Harmonies

## Analogous

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



8F7884



93787A



917971

# Triad

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



93787A



768271



6E8191

# Complementary

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



93787A



789391

# 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.



67838C



93787A



6C8479

# Square

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



93787A



817F6C



668483



7A7E91

# Rectangle

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



93787A



8E7B6D



668483



6B8290



# Sweetspot

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



93787A



BFB4B5



917893



615A5B



E0E0E0



616161



# Same Dimension

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



93787A



BF9598



938378



4A4343



8A000A



0A0001



# Inverse Universe

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



93787A



BF9598



788893



4A4343



8A000A



0A0001



# Previews

## White Background



This preview shows how the Hex color 93787A looks on a white background.

## Color Contrast Check

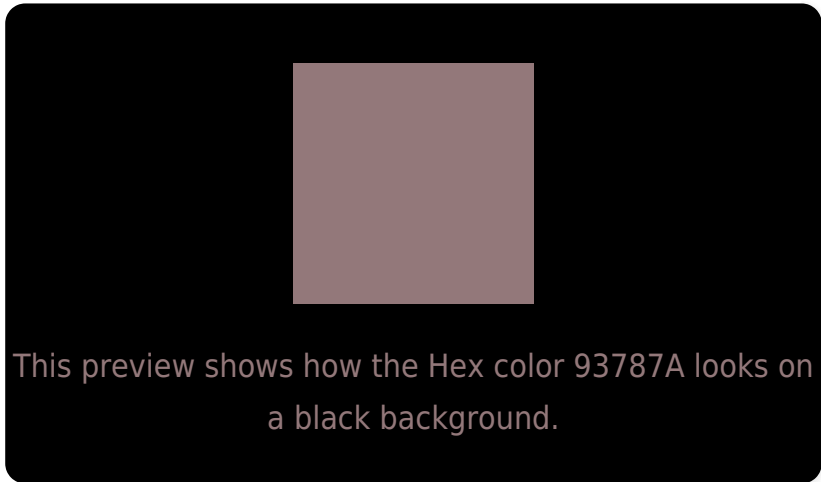
Large Text (above 18pt) WCAG AA ✓ Pass

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 93787A Background



This preview shows how black text looks on a background with the Hex color 93787A.



This preview shows how white text looks on a background with the Hex color 93787A.

# 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**  
93787A

**Protanopia**  
817E7D

**Deuteranopia**  
8D7A7A



**Tritanopia**  
947780

# Trichromacy



**Original Color**  
93787A

**Protanomaly**  
887C7C

**Deuteranomaly**  
8F797A

**Tritanomaly**  
94777E

# Monochromacy



**Original Color**  
93787A

**Achromatopsia**  
808080

**Achromatomaly**  
877D7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93787A 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 #93787A looks like.

```
.text, #text, p{  
    color:#93787A  
}
```

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 #93787A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93787A
}
```

## Border

The CSS property to change the border of an element to Hex 93787A is called "border". The border property can be set on classes, ids or directly on the HTML element.

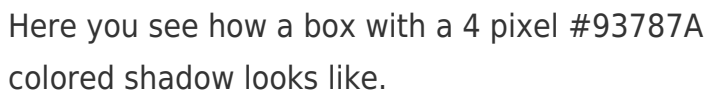
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93787A }
```

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

```
.border{ border-color:#93787A }
```

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



Here you see how a box with a 4 pixel #93787A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93787A; -webkit-box-shadow:4px 4px  
4px 4px #93787A; box-shadow:4px 4px 4px  
4px #93787A }
```

# Background

The CSS property to change the background color of an element to Hex 93787A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93787A }
```

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

```
.background{ background-color:#93787A }
```

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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