

# Converting Colors

Hex(93A37C)

Have a look what the booklet for  
Hex(93A37C) contains.

<b>Hex(93A37C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(93A37C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93A37C
RGB	147, 163, 124
RGB Percent	58%, 64%, 49%
CMY	0.4235, 0.3608, 0.5137
CMYK	0.10, 0.00, 0.24, 0.36
HSL	85°, 17%, 56%
HSV	85°, 24%, 64%
XYZ	28.7679, 33.8527, 24.0868
YIQ	153.7700, 2.9830, -15.5210

# Conversions

## Conversions Part 2

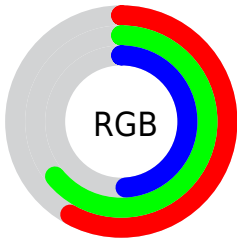
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 163, 140</a>
Decimal	<a href="#">9675644</a>
CIELab	<a href="#">64.85, -12.77, 18.43</a>
CIELCh	<a href="#">65, 22.419, 124.707</a>
Yxy	<a href="#">33.8527, 0.3318, 0.3904</a>
Android (android.graphics.Color)	<a href="#">4287865724 (0xFF93A37C)</a>
YUV	<a href="#">153.7700, -14.6766, -5.9373</a>
Hunter-Lab	<a href="#">58.1830, -13.5632, 16.1831</a>

# Details

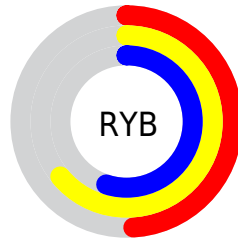
The Hex color **93A37C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8C7CA3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C9DAB1**, and **606F4B** is the 20% darker color. If you saturate the color by 10%, you get **8CA36C**, and if you desaturate by 10%, it is **9AA38C**.

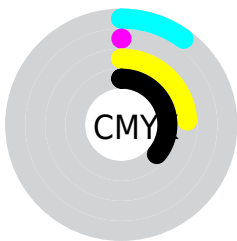
# Distribution



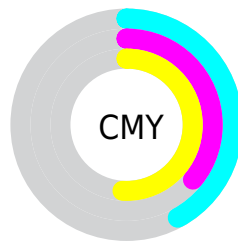
- Red (58%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93A37C 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 93A37C by changing the saturation by 10% instead.





93A37C



93A37C

FFFFFF



798963



C9DAB1



606F4B



E5F6CC



485734



FFFFE8



31401E



1C2A07



001600



000000



93A37C



93A37C



8CA36C



9AA38C

 86A35B

 A0A39D

 7FA34B

 A7A3AD

 78A33B

 AEA3BD

 72A32B

 B4A3CD

 6BA31A

 BBA3DE

 64A30A

 C2A3EE

 60A300

 C8A3FE

 CFA3FF

# Harmonies

## Analogous

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



A99D75



93A37C



7CA78C

# Triad

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



93A37C



70A4C1



C58F9B

# Complementary

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



93A37C



8C7CA3

# 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.



BA91AF



93A37C



899EC5

# Square

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



93A37C



64A8B3



A597BE



C59187

# Rectangle

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



93A37C



6FA899



A597BE



C38FA2



# Sweetspot

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



93A37C



CED4C5



A38C7C



686B63



EBEBEB



6B6B6B



# Same Dimension

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



93A37C



BAD496



80A37C



4E5249



569100



0B1200



# Inverse Universe

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



8C7CA3



AF96D4



9F7CA3



4D4952



3C0091

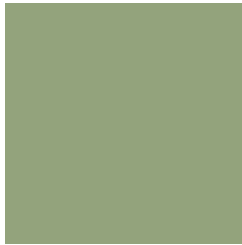


070012



# Previews

## White Background



This preview shows how the Hex color 93A37C looks on a white background.

## Color Contrast Check

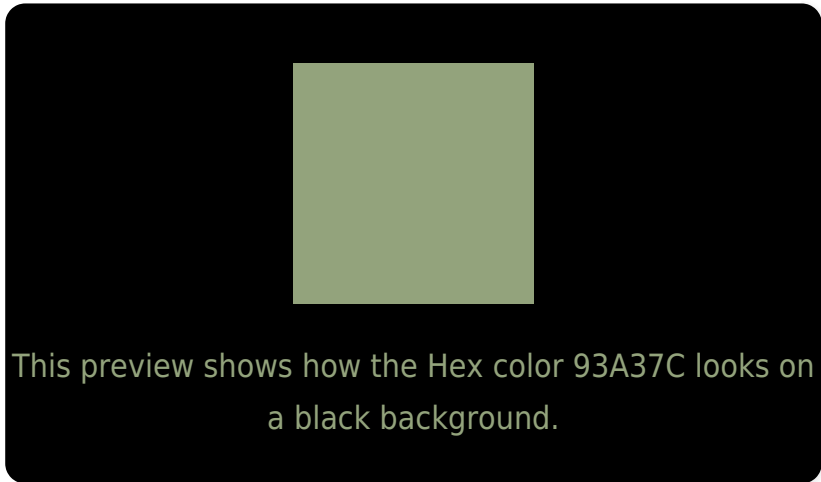
Large Text (above 18pt) WCAG AA × Fail

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

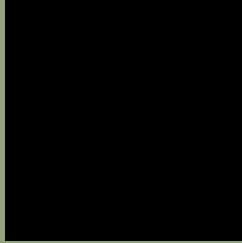
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93A37C Background



This preview shows how black text looks on a background with the Hex color 93A37C.



This preview shows how white text looks on a background with the Hex color 93A37C.

# 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**  
93A37C

**Protanopia**  
A89D79

**Deuteranopia**  
B7977F



**Tritanopia**  
9A9DA9

# Trichromacy



**Original Color**  
93A37C

**Protanomaly**  
A09F7A

**Deuteranomaly**  
AA9B7E

**Tritanomaly**  
979F99

# Monochromacy



**Original Color**  
93A37C

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
979D8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93A37C 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 #93A37C looks like.

```
.text, #text, p{  
    color:#93A37C  
}
```

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 #93A37C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A37C
}
```

## Border

The CSS property to change the border of an element to Hex 93A37C 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
#93A37C }
```

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

```
.border{ border-color:#93A37C }
```

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

Here you see how a box with a 4 pixel #93A37C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A37C; -webkit-box-shadow:4px 4px  
4px 4px #93A37C; box-shadow:4px 4px 4px  
4px #93A37C }
```

# Background

The CSS property to change the background color of an element to Hex 93A37C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A37C }
```

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

```
.background{ background-color:#93A37C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor