

# Converting Colors

Hex(93894E)

Have a look what the booklet for  
Hex(93894E) contains.

<b>Hex(93894E)</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(93894E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93894E
RGB	147, 137, 78
RGB Percent	58%, 54%, 31%
CMY	0.4235, 0.4627, 0.6941
CMYK	0.00, 0.07, 0.47, 0.42
HSL	51°, 31%, 44%
HSV	51°, 47%, 58%
XYZ	22.3534, 24.6444, 10.7864
YIQ	133.2640, 24.8990, -16.2290

# Conversions

## Conversions Part 2

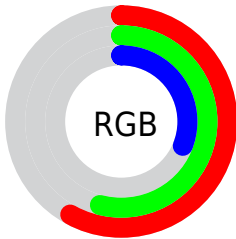
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 147, 78
Decimal	9668942
CIE Lab	56.73, -4.85, 32.85
CIE LCh	57, 33.207, 98.397
Yxy	24.6444, 0.3868, 0.4265
Android (android.graphics.Color)	4287859022 (0xFF93894E)
YUV	133.2640, -27.2452, 12.0465
Hunter-Lab	49.6431, -6.5001, 21.8677

# Details

The Hex color **93894E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4E5893**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CABE80**, and **5F571F** is the 20% darker color. If you saturate the color by 10%, you get **93873F**, and if you desaturate by 10%, it is **938B5D**.

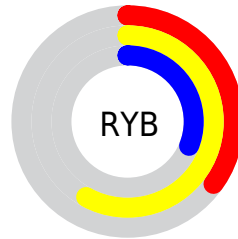
# Distribution



Red (58%)

Green (54%)

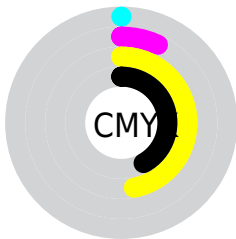
Blue (31%)



Red (35%)

Yellow (58%)

Blue (31%)

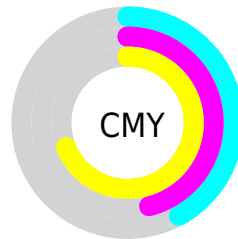


Cyan (0%)

Magenta (7%)

Yellow (47%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93894E 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 93894E by changing the saturation by 10% instead.





93894E



93894E

FFFFFF



787036



CABE80



5F571F



E7DA9B



464007



FFF6B6



2E2A00



FFFFD1



151600



FFFEE



000000



93894E



93894E



93873F



938B5D



938531



938D6B

 938322

 938F7A

 938013

 939289

 937E05

 939498

 937E00

 9396A6

 9398B5

 939AC4

 939CD2

# Harmonies

## Analogous

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



AD7F53



93894E



74915A

# Triad

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



93894E



0096AB



B3749E

# Complementary

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



93894E



4E5893

# 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.



967EB6



93894E



3591BD

# Square

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



93894E



229890



6B88C1



C07181

# Rectangle

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



93894E



5C9569



6B88C1



AB77A7



# Sweetspot

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



93894E



BFBBA4



934E58



615F50



E0E0E0



616161



# Same Dimension

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



93894E



BFB054



7B934E



4A4943



8A7600



0A0900



# Inverse Universe

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



4E5893



5464BF



664E93



43444A



00148A



00010A



# Previews

## White Background



This preview shows how the Hex color 93894E looks on a white background.

## Color Contrast Check

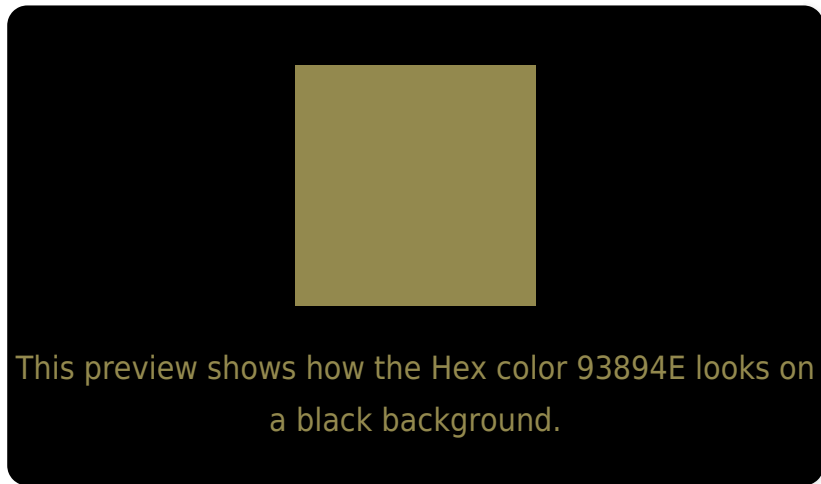
Large Text (above 18pt) WCAG AA ✓ Pass

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

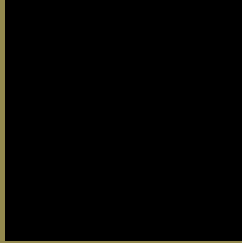
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 93894E Background



This preview shows how black text looks on a background with the Hex color 93894E.



This preview shows how white text looks on a background with the Hex color 93894E.

# 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**  
93894E

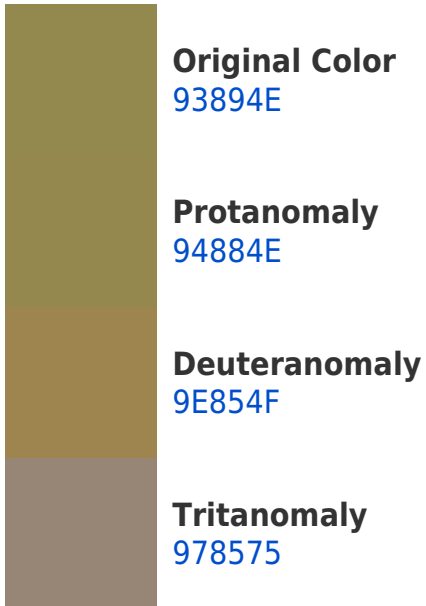
**Protanopia**  
95884E

**Deuteranopia**  
A58250

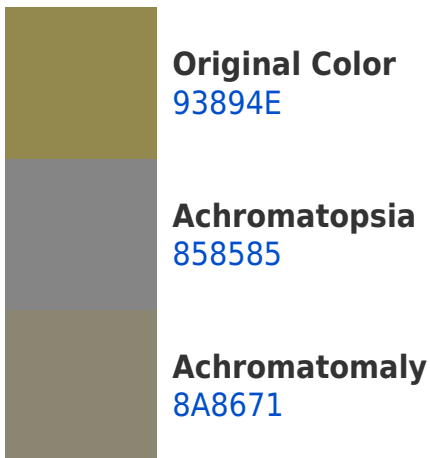


**Tritanopia**  
99828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93894E 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 #93894E looks like.

```
.text, #text, p{  
    color:#93894E  
}
```

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 #93894E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93894E
}
```

## Border

The CSS property to change the border of an element to Hex 93894E 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
#93894E }
```

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

```
.border{ border-color:#93894E }
```

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

Here you see how a box with a 4 pixel #93894E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93894E; -webkit-box-shadow:4px 4px  
4px 4px #93894E; box-shadow:4px 4px 4px  
4px #93894E }
```

# Background

The CSS property to change the background color of an element to Hex 93894E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93894E }
```

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

```
.background{ background-color:#93894E }
```

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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