

# Converting Colors

Hex(93885E)

Have a look what the booklet for  
Hex(93885E) contains.

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# Color

Hex(93885E)

# Conversions

## Conversions Part 1

Format	Color
Hex	93885E
RGB	147, 136, 94
RGB Percent	58%, 53%, 37%
CMY	0.4235, 0.4667, 0.6314
CMYK	0.00, 0.07, 0.36, 0.42
HSL	48°, 22%, 47%
HSV	48°, 36%, 58%
XYZ	22.8572, 24.6195, 14.1370
YIQ	134.5010, 20.0380, -10.7300

# Conversions

## Conversions Part 2

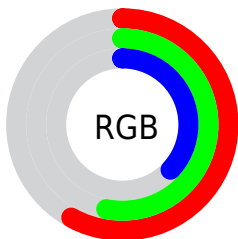
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 147, 94
Decimal	9668702
CIELab	56.70, -2.44, 24.08
CIELCh	57, 24.200, 95.793
Yxy	24.6195, 0.3710, 0.3996
Android (android.graphics.Color)	4287858782 (0xFF93885E)
YUV	134.5010, -19.9670, 10.9616
Hunter-Lab	49.6181, -4.6034, 17.8399

# Details

The Hex color **93885E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5E6993**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CABD91**, and **5F562F** is the 20% darker color. If you saturate the color by 10%, you get **93854F**, and if you desaturate by 10%, it is **938B6D**.

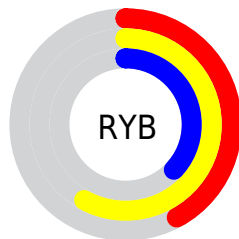
# Distribution



Red (58%)

Green (53%)

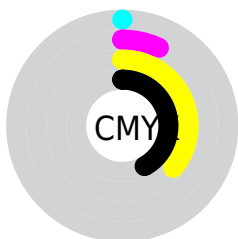
Blue (37%)



Red (42%)

Yellow (58%)

Blue (37%)

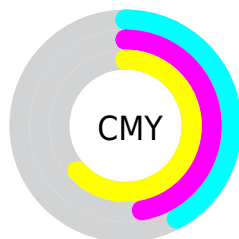


Cyan (0%)

Magenta (7%)

Yellow (36%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93885E 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 93885E by changing the saturation by 10% instead.



 93885E

 93885E

FFFFFF

 796F46

 CABD91

 5F562F

 E6D9AB

 473F19

 FFF5C7

 302900

 FFFFE3

 191500

 000000

 93885E

 93885E

 93854F

 938B6D

 938241

 938E7B

937F32

93918A

937C23

939499

937915

9397A8

937606

939AB6

937400

939DC5

93A0D4

93A3E2

# Harmonies

## Analogous

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



A68162



93885E



7C8E65

# Triad

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



93885E



4693A0



A67B9A

# Complementary

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



93885E



5E6993

# 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.



9081AA



93885E



568FAE

# Square

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



93885E



4E948C



7389B2



B17885

# Rectangle

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



93885E



6C9170



7389B2



A07DA0



# Sweetspot

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



93885E



BFBBA



935E69



615E54



E0E0E0



616161



# Same Dimension

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



93885E



BFAE6D



84935E



4A4843



8A6D00



0A0800



# Inverse Universe

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



5E6993



6D7EBF



6D5E93



43444A



001D8A



00020A



# Previews

## White Background



This preview shows how the Hex color 93885E looks on a white background.

## Color Contrast Check

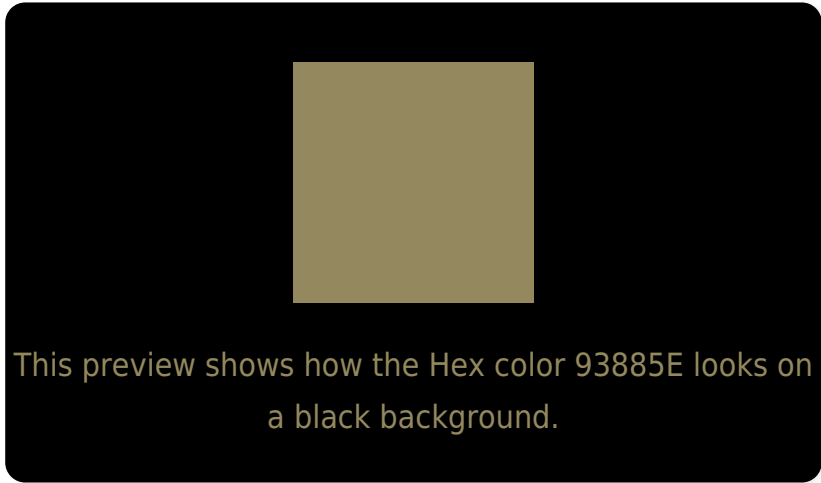
Large Text (above 18pt) WCAG AA ✓ Pass

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 93885E Background



This preview shows how black text looks on a background with the Hex color 93885E.



This preview shows how white text looks on a background with the Hex color 93885E.

# 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**  
93885E

**Protanopia**  
93885E

**Deuteranopia**  
A2825F



**Tritanopia**  
98828C

# Trichromacy



**Original Color**  
93885E

**Protanomaly**  
93885E

**Deuteranomaly**  
9D845F

**Tritanomaly**  
96847B

# Monochromacy



**Original Color**  
93885E

**Achromatopsia**  
878787

**Achromatomaly**  
8B8778

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93885E 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 #93885E looks like.

```
.text, #text, p{  
    color:#93885E  
}
```

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 #93885E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93885E
}
```

## Border

The CSS property to change the border of an element to Hex 93885E 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
#93885E }
```

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

```
.border{ border-color:#93885E }
```

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

Here you see how a box with a 4 pixel #93885E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93885E; -webkit-box-shadow:4px 4px  
4px 4px #93885E; box-shadow:4px 4px 4px  
4px #93885E }
```

# Background

The CSS property to change the background color of an element to Hex 93885E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93885E }
```

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

```
.background{ background-color:#93885E }
```

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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