

# Converting Colors

Hex(93843D)

Have a look what the booklet for  
Hex(93843D) contains.

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**Color**

**Hex(93843D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93843D
RGB	147, 132, 61
RGB Percent	58%, 52%, 24%
CMY	0.4235, 0.4824, 0.7608
CMYK	0.00, 0.10, 0.59, 0.42
HSL	50°, 41%, 41%
HSV	50°, 59%, 58%
XYZ	21.1262, 23.0425, 7.7491
YIQ	128.3910, 31.7310, -18.9010

# Conversions

## Conversions Part 2

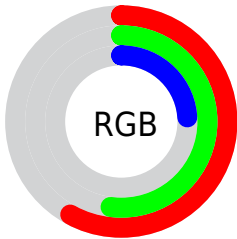
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 147, 61
Decimal	9667645
CIE Lab	55.12, -3.66, 39.73
CIE LCh	55, 39.900, 95.262
Yxy	23.0425, 0.4069, 0.4438
Android (android.graphics.Color)	4287857725 (0xFF93843D)
YUV	128.3910, -33.2238, 16.3201
Hunter-Lab	48.0026, -5.4458, 24.0306

# Details

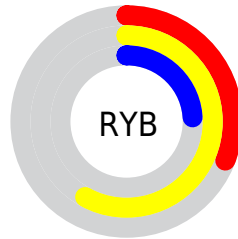
The Hex color **93843D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **3D4C93**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **CBB96F**, and **5E530A** is the 20% darker color. If you saturate the color by 10%, you get **93812E**, and if you desaturate by 10%, it is **93874C**.

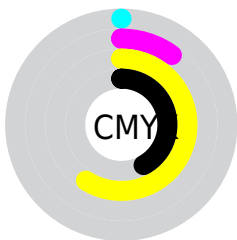
# Distribution



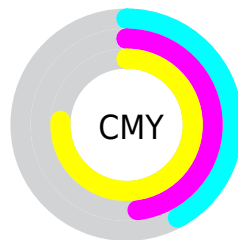
- Red (58%)
- Green (52%)
- Blue (24%)



- Red (31%)
- Yellow (58%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (59%)
- Black (42%)



- Cyan (42%)
- Magenta (48%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93843D 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 93843D by changing the saturation by 10% instead.



 93843D

 93843D

FFFFFF

 786B25

 CBB96F

 5E530A

 E8D489

 453C00

 FFF1A4

 2C2700

 FFFFBF

 121200

 FFFFDB

 000000

 FFFFF8

 93843D

 93843D

 93812E

 93874C

■ 937F20

■ 93895A

■ 937C11

■ 938C69

■ 937A02

■ 938E78

■ 937900

■ 939187

■ 939395

■ 9396A4

■ 9399B3

■ 939BC1

# Harmonies

## Analogous

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



B07845



93843D



6F8E4A

# Triad

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



93843D



0094AB



B46CA2

# Complementary

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



93843D



3D4C93

# 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.



8F79BD



93843D



008FC2

# Square

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



93843D



009689



5586C9



C4677F

# Rectangle

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



93843D



52925B



5586C9



AA70AC



# Sweetspot

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



93843D



BFB99D



933D4D



615D4C



E0E0E0



616161



# Same Dimension

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



93843D



BFA839



78933D



4A4943



8A7200



0A0800



# Inverse Universe

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



3D4C93



3951BF



583D93



43444A



00188A



00020A



# Previews

## White Background



This preview shows how the Hex color 93843D looks on a white background.

## Color Contrast Check

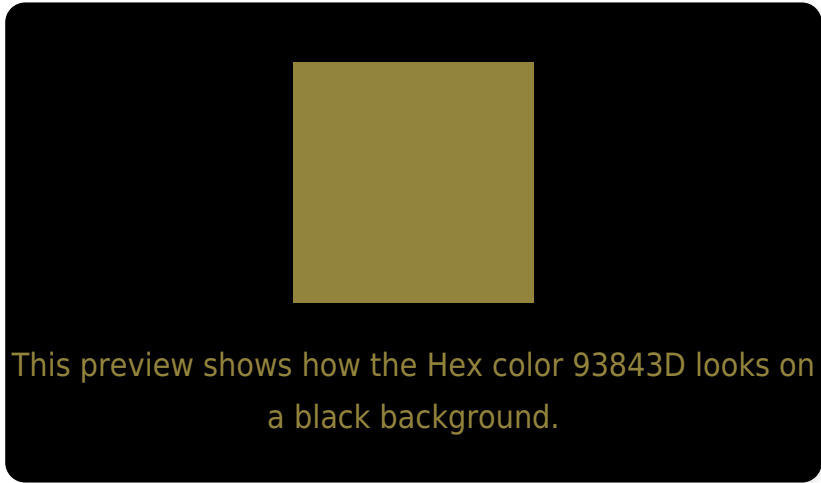
Large Text (above 18pt) WCAG AA ✓ Pass

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 93843D Background



This preview shows how black text looks on a background with the Hex color 93843D.



This preview shows how white text looks on a background with the Hex color 93843D.

# 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**  
93843D

**Protanopia**  
92843D

**Deuteranopia**  
A37E3F



**Tritanopia**  
9A7C86

# Trichromacy



**Original Color**  
93843D

**Protanomaly**  
92843D

**Deuteranomaly**  
9D803E

**Tritanomaly**  
977F6B

# Monochromacy



**Original Color**  
93843D

**Achromatopsia**  
808080

**Achromatomaly**  
878168

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93843D 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 #93843D looks like.

```
.text, #text, p{  
    color:#93843D  
}
```

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 #93843D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93843D
}
```

## Border

The CSS property to change the border of an element to Hex 93843D 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
#93843D }
```

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

```
.border{ border-color:#93843D }
```

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

Here you see how a box with a 4 pixel #93843D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93843D; -webkit-box-shadow:4px 4px  
4px 4px #93843D; box-shadow:4px 4px 4px  
4px #93843D }
```

# Background

The CSS property to change the background color of an element to Hex 93843D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93843D }
```

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

```
.background{ background-color:#93843D }
```

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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