

# Converting Colors

Hex(93734A)

Have a look what the booklet for  
Hex(93734A) contains.

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**Color**

**Hex(93734A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 93734A                     |
| RGB           | 147, 115, 74               |
| RGB Percent   | 58%, 45%, 29%              |
| CMY           | 0.4235, 0.5490, 0.7098     |
| CMYK          | 0.00, 0.22, 0.50, 0.42     |
| HSL           | 34°, 33%, 43%              |
| HSV           | 34°, 50%, 58%              |
| XYZ           | 19.3994, 18.9589, 9.1155   |
| YIQ           | 119.8940, 32.2330, -5.9670 |

# Conversions

## Conversions Part 2

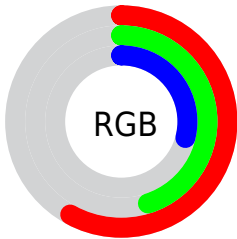
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 131, 147, 74                   |
| Decimal                             | 9663306                        |
| CIE Lab                             | 50.64, 7.15, 27.40             |
| CIE LCh                             | 51, 28.320, 75.376             |
| Yxy                                 | 18.9589, 0.4086,<br>0.3994     |
| Android<br>(android.graphics.Color) | 4287853386<br>(0xFF93734A)     |
| YUV                                 | 119.8940, -22.6257,<br>23.7720 |
| Hunter-Lab                          | 43.5418, 3.3296,<br>18.0668    |

# Details

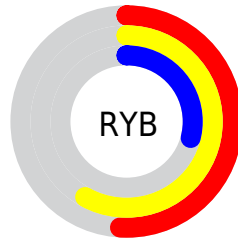
The Hex color **93734A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4A6A93**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **CBA77B**, and **5E431D** is the 20% darker color. If you saturate the color by 10%, you get **936D3B**, and if you desaturate by 10%, it is **937959**.

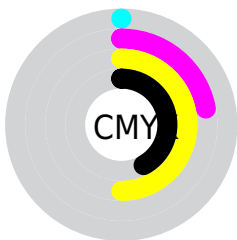
# Distribution



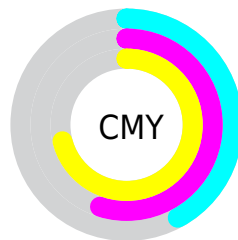
- Red (58%)
- Green (45%)
- Blue (29%)



- Red (51%)
- Yellow (58%)
- Blue (29%)



- Cyan (0%)
- Magenta (22%)
- Yellow (50%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93734A 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 93734A by changing the saturation by 10% instead.





93734A



93734A

FFFFFF



785A33



CBA77B



5E431D



E7C295



452D05



FFDEB0



2D1800



FFFACC



130000



FFFFE8



000000



93734A



93734A



936D3B



937959



93662D



938067

 93601E

 938676

 93590F

 938D85

 935301

 939394

 935300

 939AA2

 93A0B1

 93A7C0

 93ADCE

# Harmonies

## Analogous

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



A36B57



93734A



7C7B49

# Triad

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



93734A



238684



8B6E9B

# Complementary

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



93734A



4A6A93

# 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.



6A77A7



93734A



1D839A

# Square

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



93734A



43856C



427EA7



A06785

# Rectangle

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



93734A



6B7F50



427EA7



8171A0



# Sweetspot

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



93734A



BFB3A3



934A6B



61594F



E0E0E0



616161



# Same Dimension

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



93734A



BF8D4D



8F934A



4A4743



8A4D00



0A0600



# Inverse Universe

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



4A6A93



4D7FBF



4E4A93



43464A



003C8A



00040A



# Previews

## White Background



This preview shows how the Hex color 93734A looks on a white background.

## Color Contrast Check

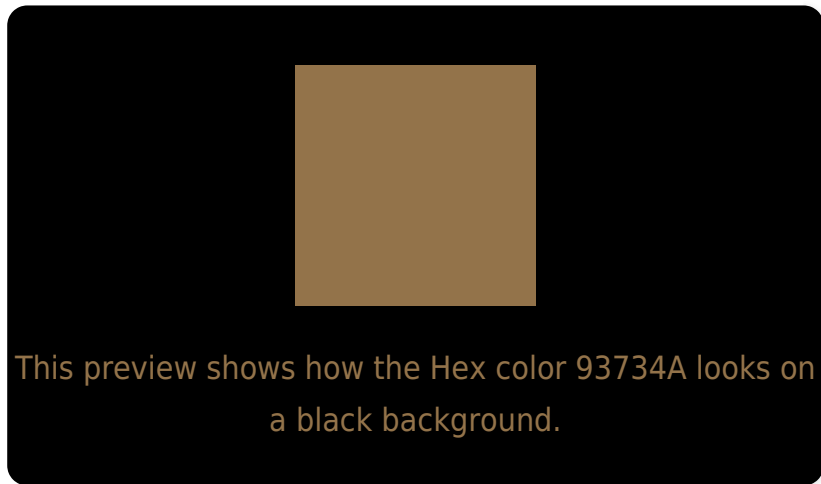
Large Text (above 18pt) WCAG AA ✓ Pass

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

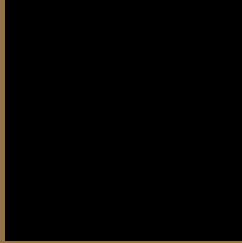
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 93734A Background



This preview shows how black text looks on a background with the Hex color 93734A.



This preview shows how white text looks on a background with the Hex color 93734A.

# 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**  
93734A

**Protanopia**  
84794C

**Deuteranopia**  
92734A



**Tritanopia**  
976E76

# Trichromacy



**Original Color**  
93734A

**Protanomaly**  
89774B

**Deuteranomaly**  
92734A

**Tritanomaly**  
967066

# Monochromacy



**Original Color**  
93734A

**Achromatopsia**  
787878

**Achromatomaly**  
827667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93734A 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 #93734A looks like.

```
.text, #text, p{  
    color:#93734A  
}
```

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 #93734A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93734A
}
```

## Border

The CSS property to change the border of an element to Hex 93734A 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
#93734A }
```

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

```
.border{ border-color:#93734A }
```

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

Here you see how a box with a 4 pixel #93734A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93734A; -webkit-box-shadow:4px 4px  
4px 4px #93734A; box-shadow:4px 4px 4px  
4px #93734A }
```

# Background

The CSS property to change the background color of an element to Hex 93734A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93734A }
```

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

```
.background{ background-color:#93734A }
```

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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