

# Converting Colors

Hex(93832A)

Have a look what the booklet for  
Hex(93832A) contains.

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**Color**

**Hex(93832A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93832A
RGB	147, 131, 42
RGB Percent	58%, 51%, 16%
CMY	0.4235, 0.4863, 0.8353
CMYK	0.00, 0.11, 0.71, 0.42
HSL	51°, 56%, 37%
HSV	51°, 71%, 58%
XYZ	20.5668, 22.6028, 5.4693
YIQ	125.6380, 38.1050, -24.2870

# Conversions

## Conversions Part 2

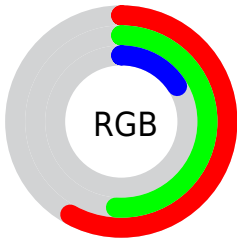
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 147, 42
Decimal	9667370
CIE <sub>Lab</sub>	54.66, -4.39, 48.04
CIE <sub>LCh</sub>	55, 48.236, 95.227
Yxy	22.6028, 0.4228, 0.4647
Android (android.graphics.Color)	4287857450 (0xFF93832A)
YUV	125.6380, -41.2335, 18.7345
Hunter-Lab	47.5424, -5.9802, 26.4590

# Details

The Hex color **93832A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2A3A93**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **CCB85D**, and **5D5200** is the 20% darker color. If you saturate the color by 10%, you get **93811B**, and if you desaturate by 10%, it is **938539**.

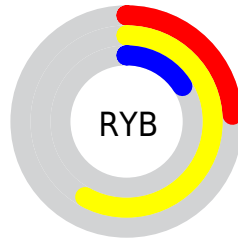
# Distribution



Red (58%)

Green (51%)

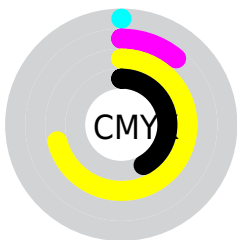
Blue (16%)



Red (24%)

Yellow (58%)

Blue (16%)

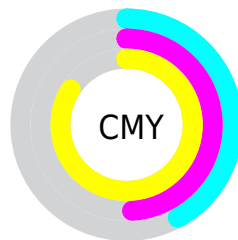


Cyan (0%)

Magenta (11%)

Yellow (71%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93832A 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 93832A by changing the saturation by 10% instead.





93832A



93832A

FFFFFF



786A0D



CCB85D



5D5200



E9D377



433B00



FFF092



2A2600



FFFFAD



0E1200



FFFFC9



000000



FFFFE5



93832A



93832A



93811B



938539

■ 937F0D

■ 938747

■ 937D00

■ 938A56

■ 938C65

■ 938E73

■ 939082

■ 939391

■ 9395A0

■ 9397AE

# Harmonies

## Analogous

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



B57436



93832A



678E3B

# Triad

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



93832A



0096B2



BB64A7

# Complementary

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



93832A



2A3A93

# 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.



8F75C7



93832A



0090CE

# Square

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



93832A



009789



3D85D6



CF5D7D

# Rectangle

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



93832A



429351



3D85D6



AF69B3



# Sweetspot

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



93832A



BFB997



932A3C



615D49



E0E0E0



616161



# Same Dimension

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



93832A



BFA61B



70932A



4A4943



8A7500



0A0900



# Inverse Universe

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



2A3A93



1B34BF



4D2A93



43444A



00158A



00020A



# Previews

## White Background



This preview shows how the Hex color 93832A looks on a white background.

## Color Contrast Check

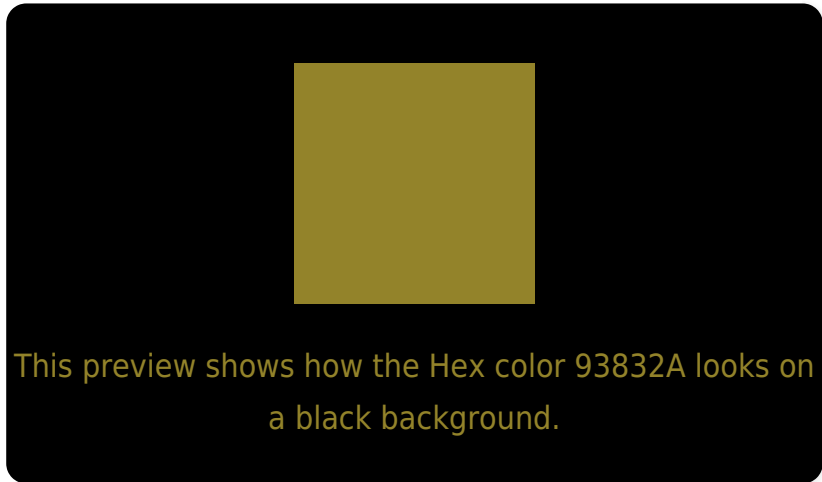
Large Text (above 18pt) WCAG AA ✓ Pass

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 93832A Background



This preview shows how black text looks on a background with the Hex color 93832A.



This preview shows how white text looks on a background with the Hex color 93832A.

# 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**  
93832A

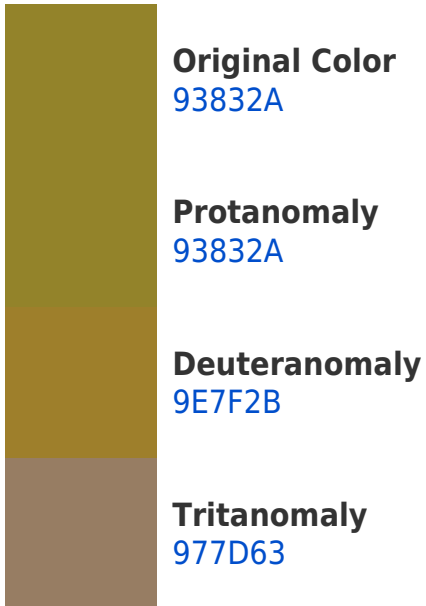
**Protanopia**  
93832A

**Deuteranopia**  
A47C2C

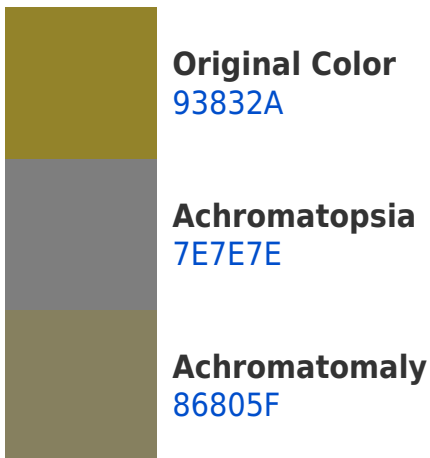


**Tritanopia**  
9A7A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93832A 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 #93832A looks like.

```
.text, #text, p{  
    color:#93832A  
}
```

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 #93832A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93832A
}
```

## Border

The CSS property to change the border of an element to Hex 93832A 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
#93832A }
```

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

```
.border{ border-color:#93832A }
```

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

Here you see how a box with a 4 pixel #93832A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93832A; -webkit-box-shadow:4px 4px  
4px 4px #93832A; box-shadow:4px 4px 4px  
4px #93832A }
```

# Background

The CSS property to change the background color of an element to Hex 93832A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93832A }
```

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

```
.background{ background-color:#93832A }
```

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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