

Converting Colors

Hex(93852B)

Have a look what the booklet for
Hex(93852B) contains.

Hex(93852B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93852B)

Conversions

Conversions Part 1

Format	Color
Hex	93852B
RGB	147, 133, 43
RGB Percent	58%, 52%, 17%
CMY	0.4235, 0.4784, 0.8314
CMYK	0.00, 0.10, 0.71, 0.42
HSL	52°, 55%, 37%
HSV	52°, 71%, 58%
XYZ	20.8562, 23.1525, 5.6551
YIQ	126.9260, 37.2340, -25.0220

Conversions

Conversions Part 2

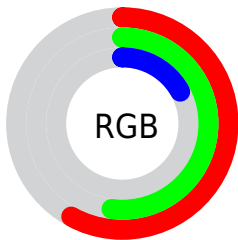
Format	Color
R_{YB}	59, 147, 43
Decimal	9667883
CIE _{Lab}	55.23, -5.44, 48.19
CIE _{LCh}	55, 48.495, 96.443
Yxy	23.1525, 0.4199, 0.4662
Android (android.graphics.Color)	4287857963 (0xFF93852B)
YUV	126.9260, -41.3755, 17.6049
Hunter-Lab	48.1171, -6.8346, 26.7137

Details

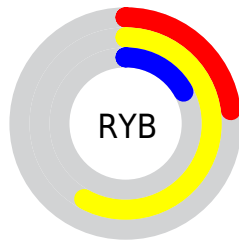
The Hex color **93852B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2B3993**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CCBA5E**, and **5D5400** is the 20% darker color. If you saturate the color by 10%, you get **93831C**, and if you desaturate by 10%, it is **93873A**.

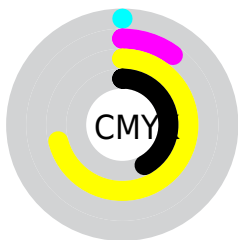
Distribution



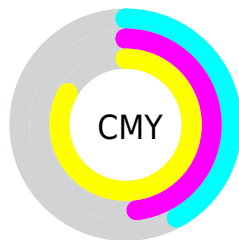
- Red (58%)
- Green (52%)
- Blue (17%)



- Red (23%)
- Yellow (58%)
- Blue (17%)



- Cyan (0%)
- Magenta (10%)
- Yellow (71%)
- Black (42%)



- Cyan (42%)
- Magenta (48%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93852B 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 93852B by changing the saturation by 10% instead.

 93852B

 93852B

FFFFFF

 786C0E

 CCBA5E

 5D5400

 E9D578

 433D00

 FFF293

 2A2700

 FFFFAE

 0F1400

 FFFFC A

 000000

 FFFF E7

 93852B

 93852B

 93831C

 93873A

■ 93810E

■ 938948

■ 937F00

■ 938B57

■ 938D66

■ 938F74

■ 939183

■ 939392

■ 9395A1

■ 9397AF

Harmonies

Analogous

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



B67636



93852B



67903D

Triad

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



93852B



0098B5



BF65A7

Complementary

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



93852B



2B3993

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.



9375C8



93852B



0092D1

Square

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



93852B



00998C



4386D8



D15F7D

Rectangle

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



93852B



409554



4386D8



B36AB3

Sweetspot

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



93852B



BFBA97



932B3B



615E49



E0E0E0



616161

Same Dimension

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



93852B



BFA91D



6F932B



4A4943



8A7700



0A0900

Inverse Universe

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



2B3993



1D33BF



4F2B93



43444A



00138A



00010A

Previews

White Background



This preview shows how the Hex color 93852B looks on a white background.

Color Contrast Check

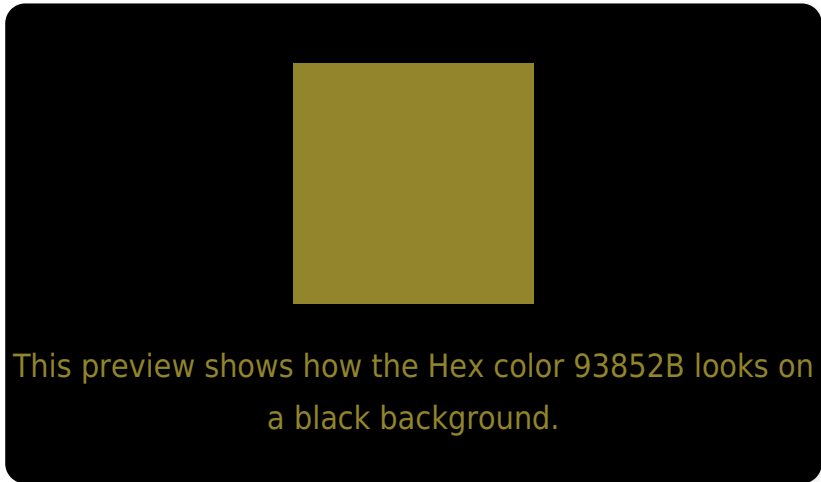
Large Text (above 18pt) WCAG AA ✓ Pass

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

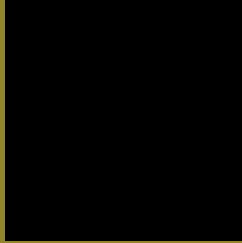
Any Text WCAG AA ✓ Pass

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 93852B Background



This preview shows how black text looks on a background with the Hex color 93852B.



This preview shows how white text looks on a background with the Hex color 93852B.

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
93852B

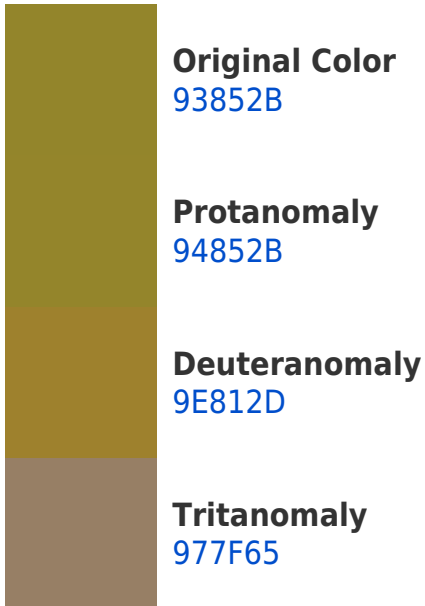
Protanopia
94852B

Deuteranopia
A57E2E

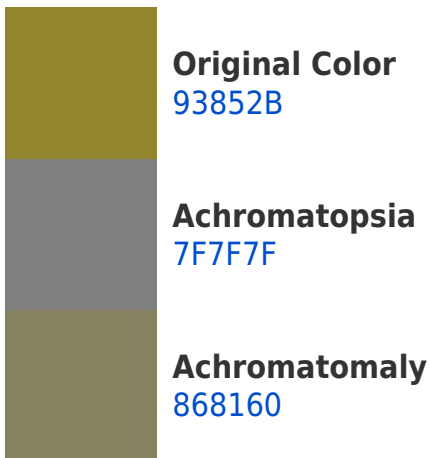


Tritanopia
9A7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93852B 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 #93852B looks like.

```
.text, #text, p{  
    color:#93852B  
}
```

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 #93852B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93852B
}
```

Border

The CSS property to change the border of an element to Hex 93852B 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
#93852B }
```

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

```
.border{ border-color:#93852B }
```

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

Here you see how a box with a 4 pixel #93852B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93852B; -webkit-box-shadow:4px 4px  
4px 4px #93852B; box-shadow:4px 4px 4px  
4px #93852B }
```

Background

The CSS property to change the background color of an element to Hex 93852B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93852B }
```

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

```
.background{ background-color:#93852B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor