

Converting Colors

Hex(93784B)

Have a look what the booklet for
Hex(93784B) contains.

Hex(93784B)	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(93784B)

Conversions

Conversions Part 1

Format	Color
Hex	93784B
RGB	147, 120, 75
RGB Percent	58%, 47%, 29%
CMY	0.4235, 0.5294, 0.7059
CMYK	0.00, 0.18, 0.49, 0.42
HSL	38°, 32%, 44%
HSV	38°, 49%, 58%
XYZ	20.0191, 20.1440, 9.4897
YIQ	122.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

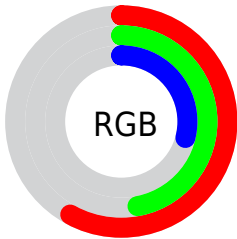
Format	Color
RYB	118, 147, 75
Decimal	9664587
CIELab	52.00, 4.39, 28.57
CIELCh	52, 28.902, 81.268
Yxy	20.1440, 0.4032, 0.4057
Android (android.graphics.Color)	4287854667 (0xFF93784B)
YUV	122.9430, -23.6359, 21.0980
Hunter-Lab	44.8821, 1.0742, 18.8814

Details

The Hex color **93784B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4B6693**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CBAC7D**, and **5E481D** is the 20% darker color. If you saturate the color by 10%, you get **93723C**, and if you desaturate by 10%, it is **937E5A**.

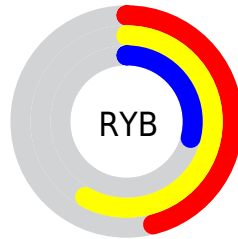
Distribution



Red (58%)

Green (47%)

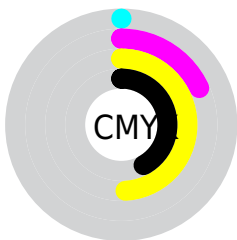
Blue (29%)



Red (46%)

Yellow (58%)

Blue (29%)

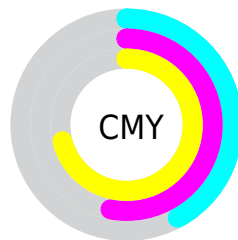


Cyan (0%)

Magenta (18%)

Yellow (49%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93784B 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 93784B by changing the saturation by 10% instead.



93784B



93784B

FFFFFF



785F34



CBAC7D



5E481D



E7C797



453106



FFE3B2



2D1D00



FFFCD



140400



FFFEEA



000000



93784B



93784B



93723C



937E5A



936D2E



938368

■ 93671F

■ 938977

■ 936210

■ 938E86

■ 935C02

■ 939495

■ 935C00

■ 9399A3

■ 939FB2

■ 93A4C1

■ 93AACF

Harmonies

Analogous

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



A57056



93784B



7B804D

Triad

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



93784B



1F898D



946F9B

Complementary

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



93784B



4B6693

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.



7578AA



93784B



2486A2

Square

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



93784B



3F8974



4C81AC



A76A84

Rectangle

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



93784B



688456



4C81AC



8B72A1

Sweetspot

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



93784B



BFB4A3



934B67



615A4F



E0E0E0



616161

Same Dimension

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



93784B



BF954E



8B934B



4A4743



8A5600



0A0600

Inverse Universe

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



4B6693



4E79BF



534B93



43454A



00348A



00040A

Previews

White Background



This preview shows how the Hex color 93784B looks on a white background.

Color Contrast Check

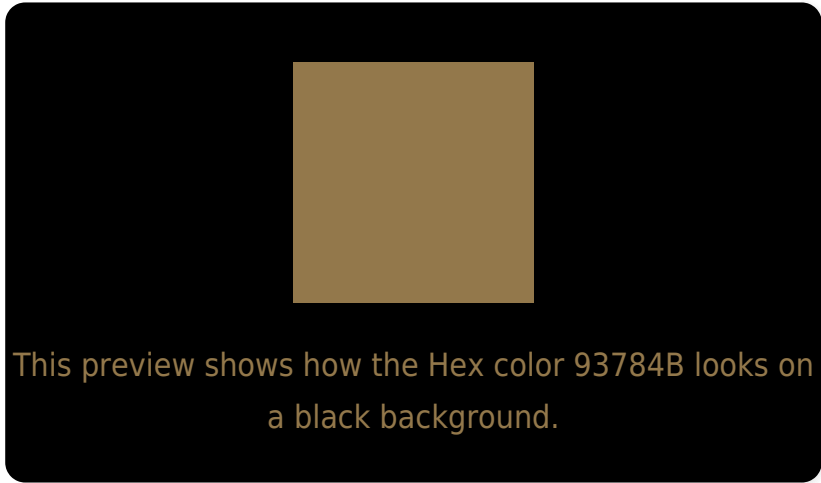
Large Text (above 18pt) WCAG AA ✓ Pass

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

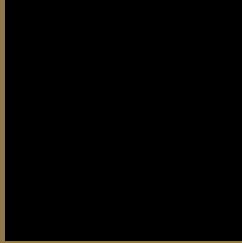
Any Text WCAG AA ✓ Pass

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 93784B Background



This preview shows how black text looks on a background with the Hex color 93784B.



This preview shows how white text looks on a background with the Hex color 93784B.

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
93784B

Protanopia
887C4D

Deuteranopia
96774B



Tritanopia
97727B

Trichromacy



Original Color
93784B

Protanomaly
8C7B4C

Deuteranomaly
95774B

Tritanomaly
96746A

Monochromacy



Original Color
93784B

Achromatopsia
7B7B7B

Achromatomaly
847A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 93784B 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 #93784B looks like.

```
.text, #text, p{  
    color:#93784B  
}
```

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 #93784B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93784B
}
```

Border

The CSS property to change the border of an element to Hex 93784B 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
#93784B }
```

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

```
.border{ border-color:#93784B }
```

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

Here you see how a box with a 4 pixel #93784B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93784B; -webkit-box-shadow:4px 4px  
4px 4px #93784B; box-shadow:4px 4px 4px  
4px #93784B }
```

Background

The CSS property to change the background color of an element to Hex 93784B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93784B }
```

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

```
.background{ background-color:#93784B }
```

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