

Converting Colors

Hex(896A3B)

Have a look what the booklet for
Hex(896A3B) contains.

Hex(896A3B)	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(896A3B)

Conversions

Conversions Part 1

Format	Color
Hex	896A3B
RGB	137, 106, 59
RGB Percent	54%, 42%, 23%
CMY	0.4627, 0.5843, 0.7686
CMYK	0.00, 0.23, 0.57, 0.46
HSL	36°, 40%, 38%
HSV	36°, 57%, 54%
XYZ	16.2600, 15.9422, 6.3578
YIQ	109.9110, 33.5630, -8.0450

Conversions

Conversions Part 2

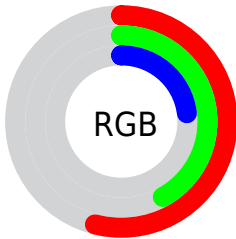
Format	Color
RYB	110, 137, 59
Decimal	9005627
CIELab	46.90, 6.45, 30.85
CIELCh	47, 31.521, 78.193
Yxy	15.9422, 0.4217, 0.4134
Android (android.graphics.Color)	4287195707 (0xFF896A3B)
YUV	109.9110, -25.0991, 23.7571
Hunter-Lab	39.9277, 2.8181, 18.5084

Details

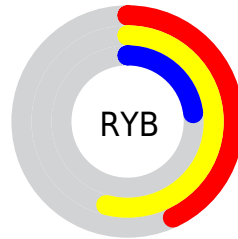
The Hex color **896A3B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3B5A89**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C09D6B**, and **543B0D** is the 20% darker color. If you saturate the color by 10%, you get **89652D**, and if you desaturate by 10%, it is **896F49**.

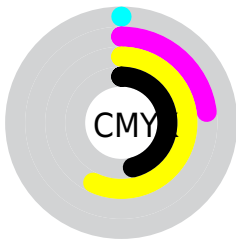
Distribution



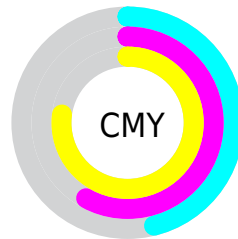
- Red (54%)
- Green (42%)
- Blue (23%)



- Red (43%)
- Yellow (54%)
- Blue (23%)



- Cyan (0%)
- Magenta (23%)
- Yellow (57%)
- Black (46%)



- Cyan (46%)
- Magenta (58%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 896A3B 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 896A3B by changing the saturation by 10% instead.

 896A3B

 896A3B

FFFFFF

 6E5224

 C09D6B

 543B0D

 DDB885

 3C2500

 FAD49F

 231100

 FFF0BB

 000000

 FFFFD7

 FFFFF3

 896A3B

 896A3B

 89652D

 896F49

■ 895F20

■ 897556

■ 895A12

■ 897A64

■ 895404

■ 898072

■ 895300

■ 898580

■ 898B8D

■ 89909B

■ 8996A9

■ 899BB6

Harmonies

Analogous

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



9B6149



896A3B



70733C

Triad

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



896A3B



007D7F



866293

Complementary

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



896A3B



3B5A89

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.



626CA1



896A3B



007B96

Square

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



896A3B



2C7C63



2F75A3



9C5B7B

Rectangle

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



896A3B



5C7744



2F75A3



7B6699

Sweetspot

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



896A3B



B3A694



893B5A



595247



D9D9D9



595959

Same Dimension

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



896A3B



B38239



81893B



45423E



855000



050300

Inverse Universe

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



3B5A89



3969B3



433B89



3E4145



003585



000205

Previews

White Background



This preview shows how the Hex color 896A3B looks on a white background.

Color Contrast Check

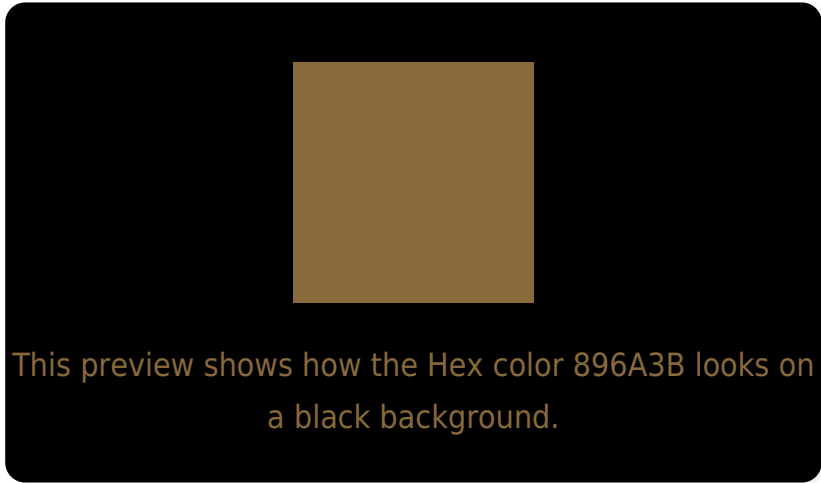
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 896A3B Background



This preview shows how black text looks on a background with the Hex color 896A3B.



This preview shows how white text looks on a background with the Hex color 896A3B.

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
896A3B

Protanopia
7B703D

Deuteranopia
896A3B

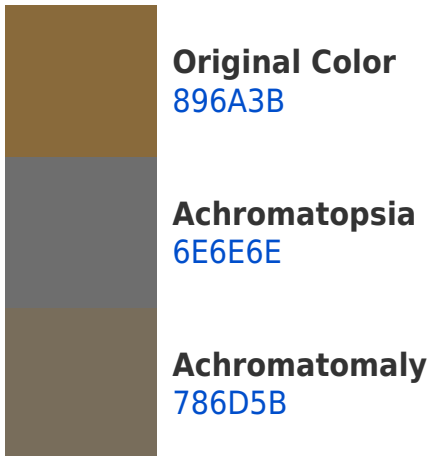


Tritanopia
8D646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 896A3B 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 #896A3B looks like.

```
.text, #text, p{  
    color:#896A3B  
}
```

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 #896A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896A3B
}
```

Border

The CSS property to change the border of an element to Hex 896A3B 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
#896A3B }
```

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

```
.border{ border-color:#896A3B }
```

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

Here you see how a box with a 4 pixel #896A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896A3B; -webkit-box-shadow:4px 4px  
4px 4px #896A3B; box-shadow:4px 4px 4px  
4px #896A3B }
```

Background

The CSS property to change the background color of an element to Hex 896A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896A3B }
```

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

```
.background{ background-color:#896A3B }
```

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