

Converting Colors

Hex(896400)

Have a look what the booklet for
Hex(896400) contains.

| | |
|--|----|
| Hex(896400) | 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(896400)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 896400 |
| RGB | 137, 100, 0 |
| RGB Percent | 54%, 39%, 0% |
| CMY | 0.4627, 0.6078, 1.0000 |
| CMYK | 0.00, 0.27, 1.00, 0.46 |
| HSL | 44°, 100%, 27% |
| HSV | 44°, 100%, 54% |
| XYZ | 14.8737, 14.4327, 2.0019 |
| YIQ | 99.6630, 54.1520, -23.2560 |

Conversions

Conversions Part 2

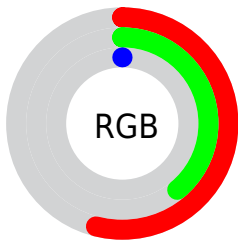
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 51, 137, 0 |
| Decimal | 9004032 |
| CIE Lab | 44.85, 7.17, 52.12 |
| CIE LCh | 45, 52.613, 82.169 |
| Yxy | 14.4327, 0.4751, 0.4610 |
| Android (android.graphics.Color) | 4287194112 (0xFF896400) |
| YUV | 99.6630, -49.1339, 32.7445 |
| Hunter-Lab | 37.9904, 3.4017, 23.4691 |

Details

The Hex color **896400** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002589**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C3973C**, and **523600** is the 20% darker color. If you saturate the color by 10%, you get **896400**, and if you desaturate by 10%, it is **89680E**.

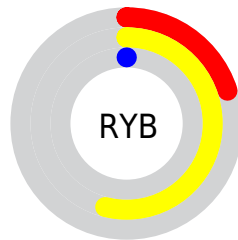
Distribution



Red (54%)

Green (39%)

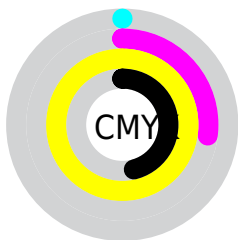
Blue (0%)



Red (20%)

Yellow (54%)

Blue (0%)

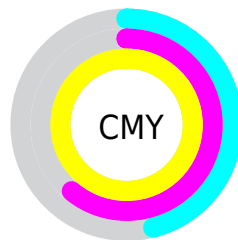


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 896400 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 896400 by changing the saturation by 10% instead.

 896400

 896400

 FFFFFB

 6D4C00

 C3973C

 523600

 E0B156

 382100

 FECD70

 1F0B00

 FFE98B

 000000

 FFFFA6

 FFFFC2

 FFFFDE

 896400

 89680E

 896B1B

 896F29

 897337

 897645

 897A52

 897E60

 89826E

 89857B

Harmonies

Analogous

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



A85224



896400



607207

Triad

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



896400



007E8A



944FA0

Complementary

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



896400



002589

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.



5263BC



896400



007BAF

Square

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



896400



007E5D



0073C1



B33F78

Rectangle

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



896400



3D7823



0073C1



8356AC

Sweetspot

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



896400



B3A47D



890027



595139



D9D9D9



595959

Same Dimension

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



896400



B38200



6B8900



45433E



856100



050400

Inverse Universe

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



002589



0030B3



1E0089



3E4045



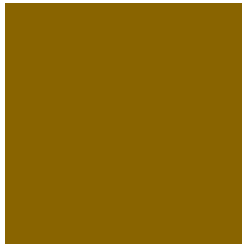
002485



000105

Previews

White Background



This preview shows how the Hex color 896400 looks on a white background.

Color Contrast Check

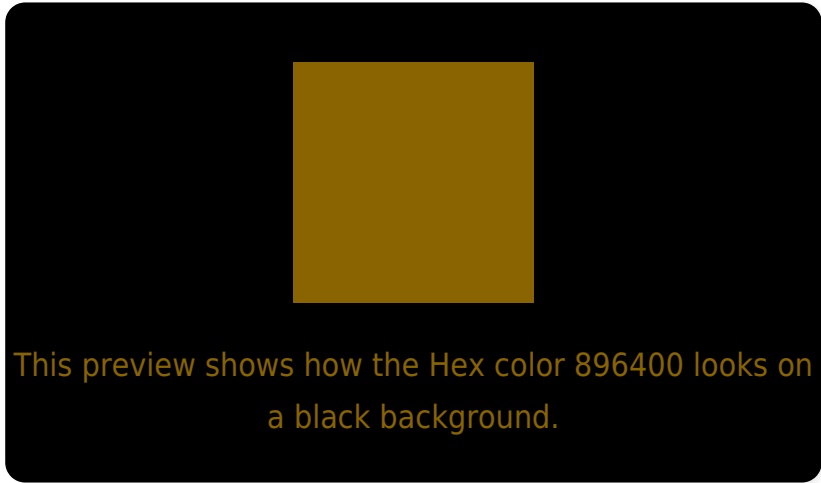
Large Text (above 18pt) WCAG AA ✓ Pass

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 896400 Background



This preview shows how black text looks on a background with the Hex color 896400.



This preview shows how white text looks on a background with the Hex color 896400.

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
896400

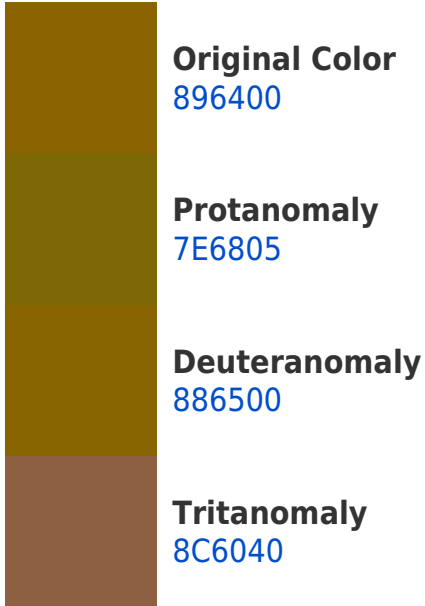
Protanopia
786B08

Deuteranopia
876500

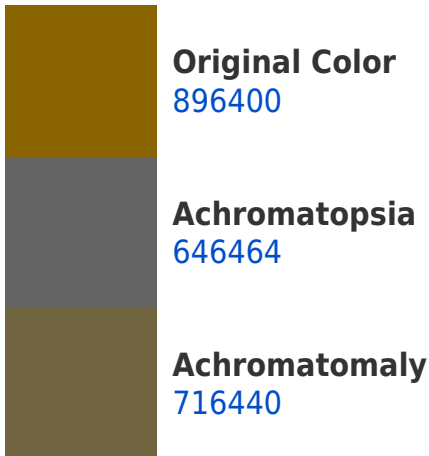


Tritanopia
8E5D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 896400 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 #896400 looks like.

```
.text, #text, p{  
    color:#896400  
}
```

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 #896400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896400
}
```

Border

The CSS property to change the border of an element to Hex 896400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

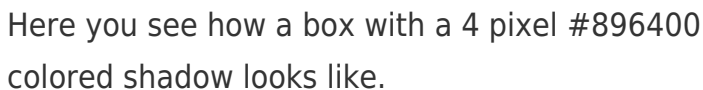
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#896400 }
```

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

```
.border{ border-color:#896400 }
```

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



Here you see how a box with a 4 pixel #896400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896400; -webkit-box-shadow:4px 4px  
4px 4px #896400; box-shadow:4px 4px 4px  
4px #896400 }
```

Background

The CSS property to change the background color of an element to Hex 896400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896400 }
```

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

```
.background{ background-color:#896400 }
```

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