

# Converting Colors

Hex(896900)

Have a look what the booklet for  
Hex(896900) contains.

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**Color**

**Hex(896900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	896900
RGB	137, 105, 0
RGB Percent	54%, 41%, 0%
CMY	0.4627, 0.5882, 1.0000
CMYK	0.00, 0.23, 1.00, 0.46
HSL	46°, 100%, 27%
HSV	46°, 100%, 54%
XYZ	15.3681, 15.4215, 2.1667
YIQ	102.5980, 52.7770, -25.8710

# Conversions

## Conversions Part 2

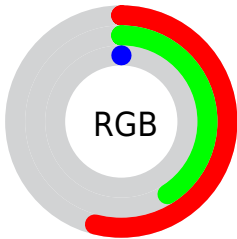
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 137, 0
Decimal	9005312
CIELab	46.21, 4.26, 53.06
CIELCh	46, 53.226, 85.405
Yxy	15.4215, 0.4663, 0.4679
Android (android.graphics.Color)	4287195392 (0xFF896900)
YUV	102.5980, -50.5808, 30.1706
Hunter-Lab	39.2702, 1.1317, 24.2179

# Details

The Hex color **896900** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002089**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **C29C3D**, and **523A00** is the 20% darker color. If you saturate the color by 10%, you get **896900**, and if you desaturate by 10%, it is **896C0E**.

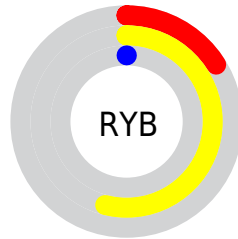
# Distribution



Red (54%)

Green (41%)

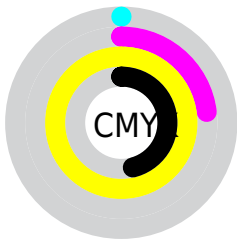
Blue (0%)



Red (16%)

Yellow (54%)

Blue (0%)

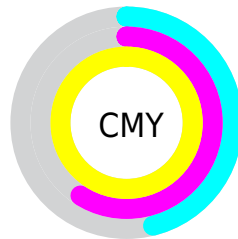


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (59%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 896900 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 896900 by changing the saturation by 10% instead.



 896900

 896900

FFFFFFD

 6D5100

 C29C3D

 523A00

 E0B757

 382500

 FED271

 1F1100

 FFEE8C

 000000

 FFFFA7

 FFFFC3

 FFFFEO

 896900

 896C0E

 896F1B

 897329

 897637

 897945

 897C52

 897F60

 89836E

 89867B

# Harmonies

## Analogous

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



AA5723



896900



5E760F

# Triad

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



896900



008293



9C50A1

# Complementary

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



896900



002089

# 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.



5F65BF



896900



007EB6

# Square

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



896900



008265



0075C7



B94176

# Rectangle

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



896900



397C2A



0075C7



8C57AD



# Sweetspot

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



896900



B3A67D



890022



595239



D9D9D9



595959



# Same Dimension

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



896900



B38900



678900



45433E



856600



050400



# Inverse Universe

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



002089



002AB3



220089



3E4045



001F85

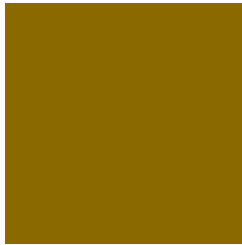


000105



# Previews

## White Background



This preview shows how the Hex color 896900 looks on a white background.

## Color Contrast Check

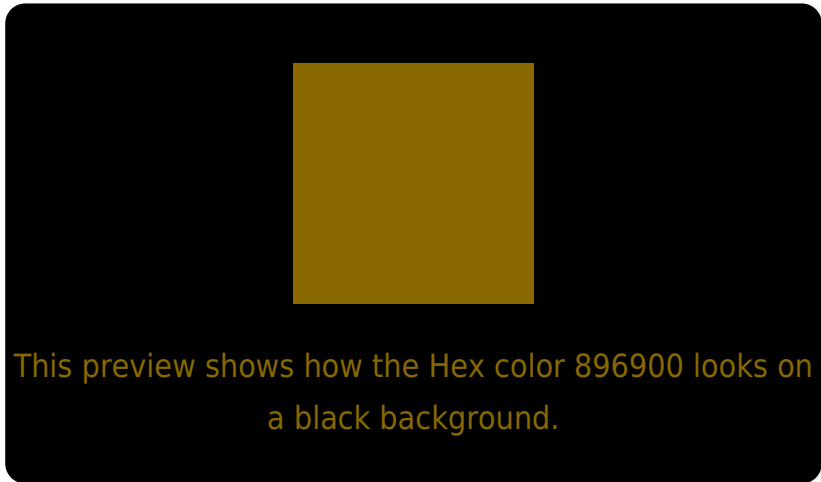
Large Text (above 18pt) WCAG AA ✓ Pass

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 896900 Background



This preview shows how black text looks on a background with the Hex color 896900.



This preview shows how white text looks on a background with the Hex color 896900.

# 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**  
896900

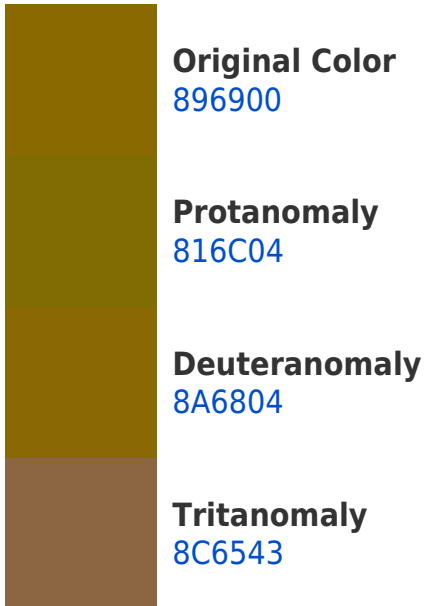
**Protanopia**  
7C6E07

**Deuteranopia**  
8B6806

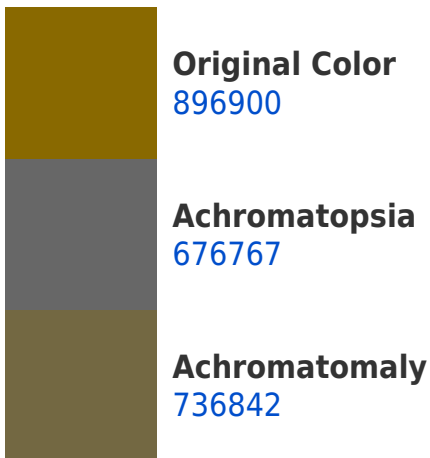


**Tritanopia**  
8E6269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 896900 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 #896900 looks like.

```
.text, #text, p{  
    color:#896900  
}
```

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 #896900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896900
}
```

## Border

The CSS property to change the border of an element to Hex 896900 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
#896900 }
```

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

```
.border{ border-color:#896900 }
```

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

Here you see how a box with a 4 pixel #896900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896900; -webkit-box-shadow:4px 4px  
4px 4px #896900; box-shadow:4px 4px 4px  
4px #896900 }
```

# Background

The CSS property to change the background color of an element to Hex 896900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896900 }
```

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

```
.background{ background-color:#896900 }
```

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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