

Converting Colors

Hex(896C31)

Have a look what the booklet for
Hex(896C31) contains.

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Color

Hex(896C31)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 896C31 |
| RGB | 137, 108, 49 |
| RGB Percent | 54%, 42%, 19% |
| CMY | 0.4627, 0.5765, 0.8078 |
| CMYK | 0.00, 0.21, 0.64, 0.46 |
| HSL | 40°, 47%, 36% |
| HSV | 40°, 64%, 54% |
| XYZ | 16.2335, 16.2652, 5.1896 |
| YIQ | 109.9450, 36.2230, -12.2010 |

Conversions

Conversions Part 2

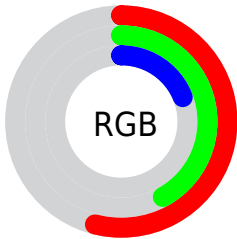
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 92, 137, 49 |
| Decimal | 9006129 |
| CIE _{Lab} | 47.32, 4.48, 36.66 |
| CIE _{LCh} | 47, 36.932, 83.033 |
| Yxy | 16.2652, 0.4307, 0.4316 |
| Android (android.graphics.Color) | 4287196209 (0xFF896C31) |
| YUV | 109.9450, -30.0459, 23.7272 |
| Hunter-Lab | 40.3302, 1.2709, 20.6018 |

Details

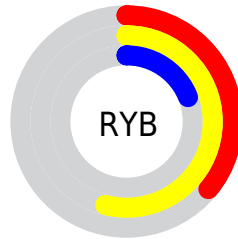
The Hex color **896C31** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **314E89**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C19F62**, and **543D00** is the 20% darker color. If you saturate the color by 10%, you get **896723**, and if you desaturate by 10%, it is **89713F**.

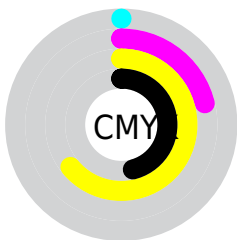
Distribution



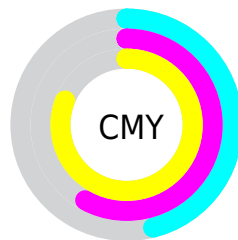
- Red (54%)
- Green (42%)
- Blue (19%)



- Red (36%)
- Yellow (54%)
- Blue (19%)



- Cyan (0%)
- Magenta (21%)
- Yellow (64%)
- Black (46%)



- Cyan (46%)
- Magenta (58%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 896C31 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 896C31 by changing the saturation by 10% instead.

 896C31

 896C31

FFFFFF

 6E5419

 C19F62

 543D00

 DEBA7B

 3B2700

 FBD695

 221300

 FFF2B0

 000000

 FFFFCC

 FFFFEE

 896C31

 896C31

 896723

 89713F

■ 896316

■ 89754C

■ 895E08

■ 897A5A

■ 895C00

■ 897E68

■ 898376

■ 898783

■ 898C91

■ 89909F

■ 8995AC

Harmonies

Analogous

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



A0613F



896C31



6B7635

Triad

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



896C31



008088



905F96

Complementary

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



896C31



314E89

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.



676BA9



896C31



007DA1

Square

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



896C31



008068



2276AE



A65779

Rectangle

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



896C31



537A41



2276AE



84639E

Sweetspot

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



896C31



B3A791



89314E



595245



D9D9D9



595959

Same Dimension

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



896C31



B38529



7A8931



45433E



855900



050300

Inverse Universe

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



314E89



2956B3



403189



3E4045



002C85



000205

Previews

White Background



This preview shows how the Hex color 896C31 looks on a white background.

Color Contrast Check

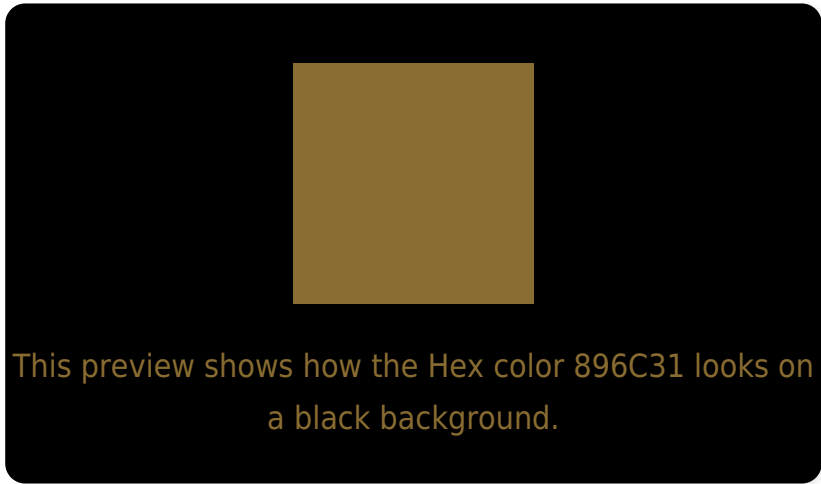
Large Text (above 18pt) WCAG AA ✓ Pass

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

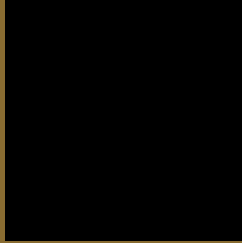
Any Text WCAG AA × Fail

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 896C31 Background



This preview shows how black text looks on a background with the Hex color 896C31.



This preview shows how white text looks on a background with the Hex color 896C31.

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
896C31

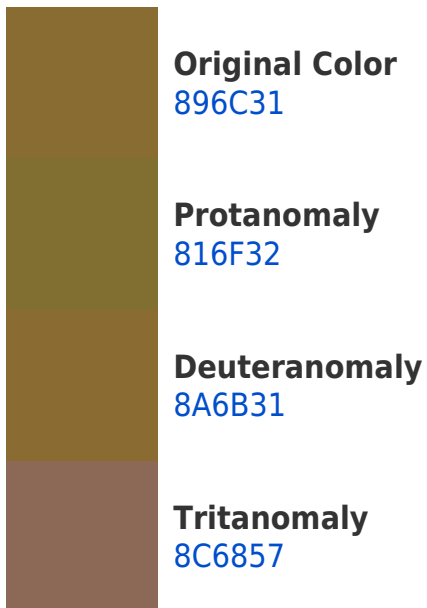
Protanopia
7D7132

Deuteranopia
8B6B31

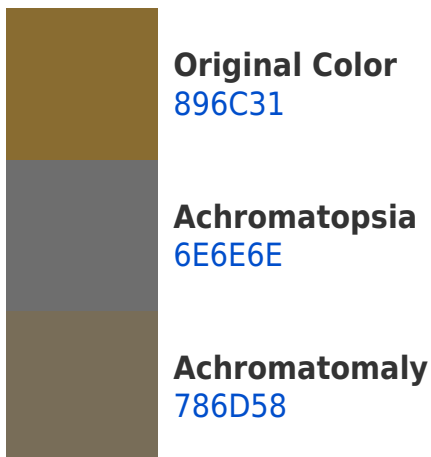


Tritanopia
8E666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 896C31 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 #896C31 looks like.

```
.text, #text, p{  
    color:#896C31  
}
```

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 #896C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896C31
}
```

Border

The CSS property to change the border of an element to Hex 896C31 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
#896C31 }
```

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

```
.border{ border-color:#896C31 }
```

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

Here you see how a box with a 4 pixel #896C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896C31; -webkit-box-shadow:4px 4px  
4px 4px #896C31; box-shadow:4px 4px 4px  
4px #896C31 }
```

Background

The CSS property to change the background color of an element to Hex 896C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896C31 }
```

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

```
.background{ background-color:#896C31 }
```

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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