

# Converting Colors

Hex(896221)

Have a look what the booklet for  
Hex(896221) contains.

<b>Hex(896221)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(896221)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	896221
RGB	137, 98, 33
RGB Percent	54%, 38%, 13%
CMY	0.4627, 0.6157, 0.8706
CMYK	0.00, 0.28, 0.76, 0.46
HSL	38°, 61%, 33%
HSV	38°, 76%, 54%
XYZ	14.9587, 14.1635, 3.3843
YIQ	102.2510, 44.1090, -11.9470

# Conversions

## Conversions Part 2

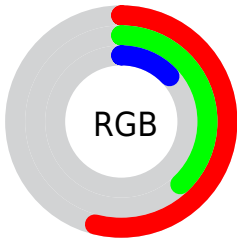
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 137, 33
Decimal	9003553
CIELab	44.47, 9.32, 41.37
CIElCh	44, 42.407, 77.302
Yxy	14.1635, 0.4602, 0.4357
Android (android.graphics.Color)	4287193633 (0xFF896221)
YUV	102.2510, -34.1407, 30.4749
Hunter-Lab	37.6345, 5.0888, 21.0125

# Details

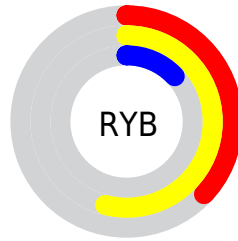
The Hex color **896221** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **214889**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **C29552**, and **533400** is the 20% darker color. If you saturate the color by 10%, you get **895D13**, and if you desaturate by 10%, it is **89672F**.

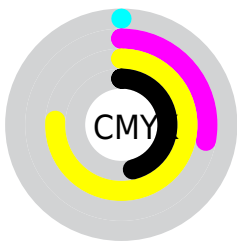
# Distribution



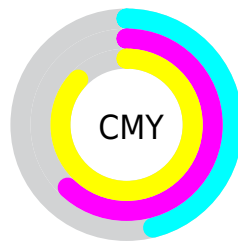
- Red (54%)
- Green (38%)
- Blue (13%)



- Red (37%)
- Yellow (54%)
- Blue (13%)



- Cyan (0%)
- Magenta (28%)
- Yellow (76%)
- Black (46%)



- Cyan (46%)
- Magenta (62%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 896221 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 896221 by changing the saturation by 10% instead.





896221



896221

FFFFFF



6E4A06



C29552



533400



DFAF6B



391F00



FDCA85



210800



FFE79F



000000



FFFFBB



FFFFD7



FFFFF4



896221



896221

■ 895D13

■ 89672F

■ 895806

■ 896C3C

■ 895600

■ 89714A

■ 897758

■ 897C66

■ 898173

■ 898681

■ 898B8F

■ 89909C

# Harmonies

## Analogous

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



A05436



896221



696E21

# Triad

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



896221



007A7D



855799

# Complementary

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



896221



214889

# 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.



4F66AD



896221



00789C

# Square

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



896221



007958



0071AE



A24B7A

# Rectangle

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



896221



4F732E



0071AE



765CA2



# Sweetspot

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



896221



B3A389



892149



595040



D9D9D9



595959



# Same Dimension

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



896221



B37610



7D8921



45423E



855300



050300



# Inverse Universe

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



214889



104DB3



2D2189



3E4145



003285

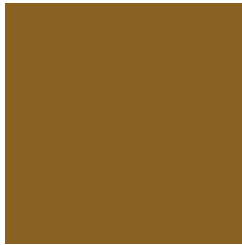


000205



# Previews

## White Background



This preview shows how the Hex color 896221 looks on a white background.

## Color Contrast Check

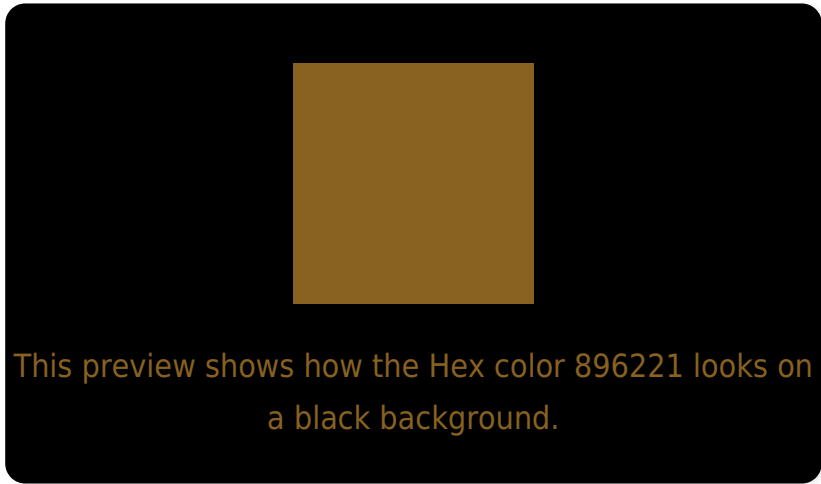
Large Text (above 18pt) WCAG AA ✓ Pass

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 896221 Background



This preview shows how black text looks on a background with the Hex color 896221.



This preview shows how white text looks on a background with the Hex color 896221.

# 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**  
896221

**Protanopia**  
766A23

**Deuteranopia**  
846420



**Tritanopia**  
8D5C63

# Trichromacy



**Original Color**  
896221

**Protanomaly**  
7D6722

**Deuteranomaly**  
866320

**Tritanomaly**  
8C5E4B

# Monochromacy



**Original Color**  
896221

**Achromatopsia**  
666666

**Achromatomaly**  
73654D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 896221 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 #896221 looks like.

```
.text, #text, p{  
    color:#896221  
}
```

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 #896221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896221
}
```

## Border

The CSS property to change the border of an element to Hex 896221 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
#896221 }
```

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

```
.border{ border-color:#896221 }
```

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

Here you see how a box with a 4 pixel #896221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896221; -webkit-box-shadow:4px 4px  
4px 4px #896221; box-shadow:4px 4px 4px  
4px #896221 }
```

# Background

The CSS property to change the background color of an element to Hex 896221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896221 }
```

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

```
.background{ background-color:#896221 }
```

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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