

# Converting Colors

Hex(896027)

Have a look what the booklet for  
Hex(896027) contains.

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**Color**

**Hex(896027)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 896027                     |
| RGB           | 137, 96, 39                |
| RGB Percent   | 54%, 38%, 15%              |
| CMY           | 0.4627, 0.6235, 0.8471     |
| CMYK          | 0.00, 0.30, 0.72, 0.46     |
| HSL           | 35°, 56%, 35%              |
| HSV           | 35°, 72%, 54%              |
| XYZ           | 14.8656, 13.8306, 3.8055   |
| YIQ           | 101.7610, 42.7330, -9.0350 |

# Conversions

## Conversions Part 2

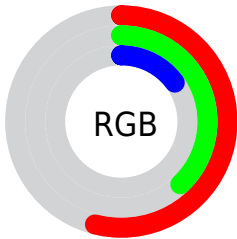
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 109, 137, 39                   |
| Decimal                             | 9003047                        |
| CIE <sub>Lab</sub>                  | 43.99, 10.82, 38.04            |
| CIE <sub>LCh</sub>                  | 44, 39.547, 74.123             |
| Yxy                                 | 13.8306, 0.4574,<br>0.4255     |
| Android<br>(android.graphics.Color) | 4287193127<br>(0xFF896027)     |
| YUV                                 | 101.7610, -30.9412,<br>30.9046 |
| Hunter-Lab                          | 37.1895, 6.2694,<br>19.9656    |

# Details

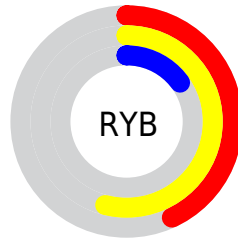
The Hex color **896027** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **275089**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C19257**, and **533200** is the 20% darker color. If you saturate the color by 10%, you get **895A19**, and if you desaturate by 10%, it is **896635**.

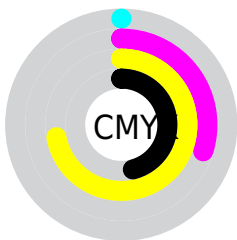
# Distribution



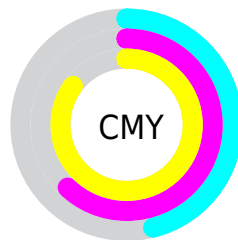
- Red (54%)
- Green (38%)
- Blue (15%)



- Red (43%)
- Yellow (54%)
- Blue (15%)



- Cyan (0%)
- Magenta (30%)
- Yellow (72%)
- Black (46%)



- Cyan (46%)
- Magenta (62%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 896027 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 896027 by changing the saturation by 10% instead.





896027



896027

FFFFFF



6E480F



C19257



533200



DFAD70



391D00



FCC88A



210500



FFE4A5



000000



FFFFC0



FFFFDC



FFFFF9



896027



896027

■ 895A19

■ 896635

■ 89550C

■ 896B42

■ 895000

■ 897150

■ 89775E

■ 897D6C

■ 898279

■ 898887

■ 898E95

■ 8994A2

# Harmonies

## Analogous

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



9E543C



896027



6C6B24

# Triad

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



896027



007877



7E5997

# Complementary

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



896027



275089

# 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.



4B66A8



896027



007695

# Square

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



896027



007755



0070A7



9B4E7B

# Rectangle

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



896027



54712F



0070A7



705D9F



# Sweetspot

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



896027



B3A38D



892751



595043



D9D9D9



595959



# Same Dimension

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



896027



B37219



828927



45423E



854D00



050300



# Inverse Universe

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



275089



1959B3



2E2789



3E4145



003785



000205



# Previews

## White Background



This preview shows how the Hex color 896027 looks on a white background.

## Color Contrast Check

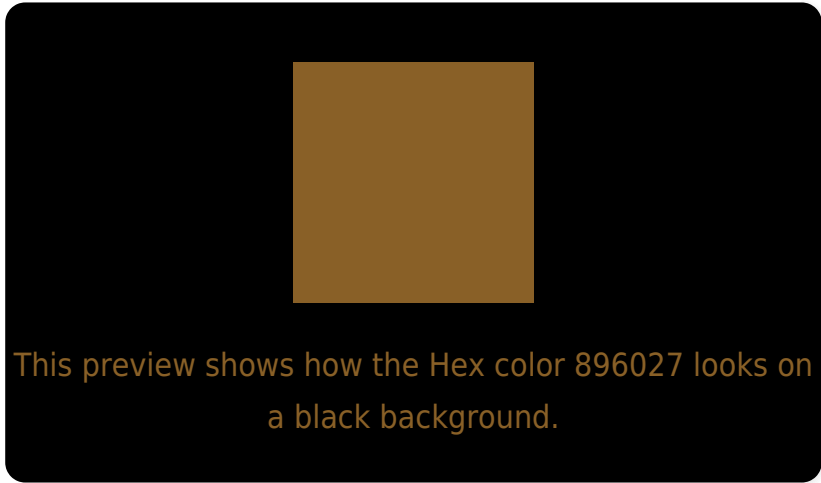
Large Text (above 18pt) WCAG AA ✓ Pass

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 896027 Background



This preview shows how black text looks on a background with the Hex color 896027.



This preview shows how white text looks on a background with the Hex color 896027.

# 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**  
896027

**Protanopia**  
746929

**Deuteranopia**  
826326



**Tritanopia**  
8D5A61

# Trichromacy



**Original Color**  
896027

**Protanomaly**  
7C6628

**Deuteranomaly**  
856226

**Tritanomaly**  
8C5C4C

# Monochromacy



**Original Color**  
896027

**Achromatopsia**  
666666

**Achromatomaly**  
73644F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 896027 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 #896027 looks like.

```
.text, #text, p{  
    color:#896027  
}
```

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 #896027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896027 }
}
```

## Border

The CSS property to change the border of an element to Hex 896027 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 #896027 }
}
```

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

```
.border{ border-color:#896027 }
```

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

Here you see how a box with a 4 pixel #896027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896027; -webkit-box-shadow:4px 4px  
4px 4px #896027; box-shadow:4px 4px 4px  
4px #896027 }
```

# Background

The CSS property to change the background color of an element to Hex 896027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896027 }
```

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

```
.background{ background-color:#896027 }
```

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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