

# Converting Colors

Hex(847036)

Have a look what the booklet for  
Hex(847036) contains.

<b>Hex(847036)</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(847036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	847036
RGB	132, 112, 54
RGB Percent	52%, 44%, 21%
CMY	0.4824, 0.5608, 0.7882
CMYK	0.00, 0.15, 0.59, 0.48
HSL	45°, 42%, 36%
HSV	45°, 59%, 52%
XYZ	15.9757, 16.7602, 5.8831
YIQ	111.3680, 30.5380, -13.7980

# Conversions

## Conversions Part 2

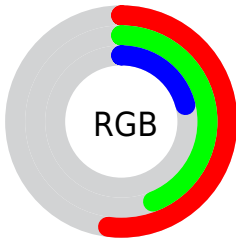
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 132, 54
Decimal	8679478
CIELab	47.96, 0.26, 34.66
CIELCh	48, 34.661, 89.565
Yxy	16.7602, 0.4137, 0.4340
Android (android.graphics.Color)	4286869558 (0xFF847036)
YUV	111.3680, -28.2824, 18.0943
Hunter-Lab	40.9392, -1.9875, 20.1374

# Details

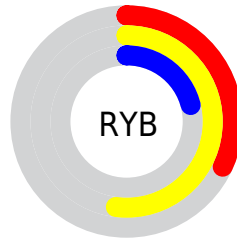
The Hex color **847036** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **364A84**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BBA467**, and **504106** is the 20% darker color. If you saturate the color by 10%, you get **846D29**, and if you desaturate by 10%, it is **847343**.

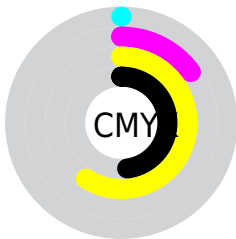
# Distribution



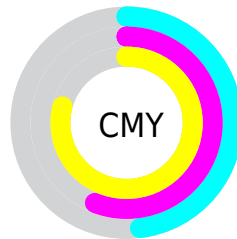
- Red (52%)
- Green (44%)
- Blue (21%)



- Red (32%)
- Yellow (52%)
- Blue (21%)



- Cyan (0%)
- Magenta (15%)
- Yellow (59%)
- Black (48%)



- Cyan (48%)
- Magenta (56%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847036 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 847036 by changing the saturation by 10% instead.





847036



847036

FFFFFF



6A581F



BBA467



504106



D7BF80



382B00



F5DA9B



1F1700



FFF7B6



000000



FFFFD2



FFFEE



847036



847036



846D29



847343

■ 84691C

■ 847750

■ 84660E

■ 847A5E

■ 846201

■ 847E6B

■ 846200

■ 848178

■ 848485

■ 848892

■ 848BA0

■ 848EAD

# Harmonies

## Analogous

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



9B6640



847036



66793D

# Triad

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



847036



00808E



966090

# Complementary

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



847036



364A84

# 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.



736AA5



847036



007CA4

# Square

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



847036



008170



4075AC



A75A73

# Rectangle

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



847036



4F7D4B



4075AC



8C6398



# Sweetspot

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



847036



ABA38C



84364B



575244



D6D6D6



575757



# Same Dimension

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



847036



AB8C32



728436



42413C



826100



030200



# Inverse Universe

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



364A84



3251AB



483684



3C3D42



002182



000103



# Previews

## White Background



This preview shows how the Hex color 847036 looks on a white background.

## Color Contrast Check

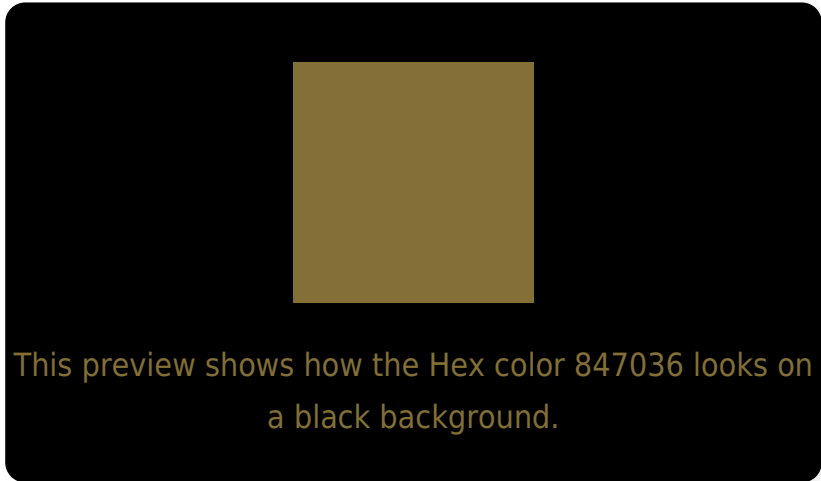
Large Text (above 18pt) WCAG AA ✓ Pass

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 847036 Background



This preview shows how black text looks on a background with the Hex color 847036.



This preview shows how white text looks on a background with the Hex color 847036.

# 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**


847036

**Protanopia**

7E7237

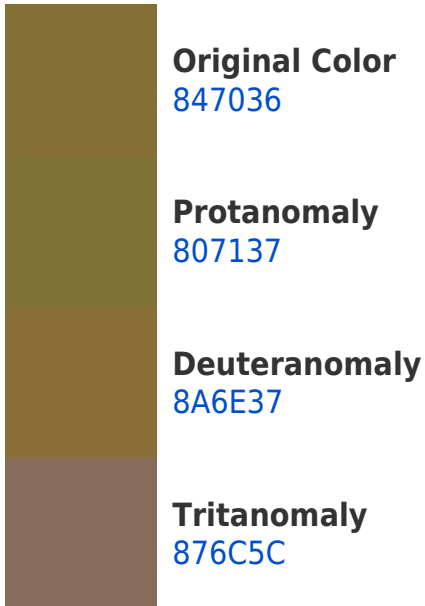
**Deuteranopia**

8D6D37

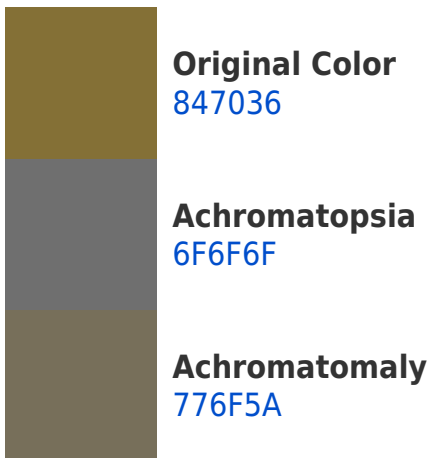


**Tritanopia**  
896972

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847036 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 #847036 looks like.

```
.text, #text, p{  
    color:#847036  
}
```

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 #847036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847036
}
```

## Border

The CSS property to change the border of an element to Hex 847036 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
#847036 }
```

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

```
.border{ border-color:#847036 }
```

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

Here you see how a box with a 4 pixel #847036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847036; -webkit-box-shadow:4px 4px  
4px 4px #847036; box-shadow:4px 4px 4px  
4px #847036 }
```

# Background

The CSS property to change the background color of an element to Hex 847036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847036 }
```

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

```
.background{ background-color:#847036 }
```

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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