

# Converting Colors

Hex(846600)

Have a look what the booklet for  
Hex(846600) contains.

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**Color**

**Hex(846600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	846600
RGB	132, 102, 0
RGB Percent	52%, 40%, 0%
CMY	0.4824, 0.6000, 1.0000
CMYK	0.00, 0.23, 1.00, 0.48
HSL	46°, 100%, 26%
HSV	46°, 100%, 52%
XYZ	14.2671, 14.4083, 2.0291
YIQ	99.3420, 50.6220, -25.3620

# Conversions

## Conversions Part 2

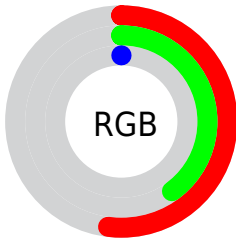
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 132, 0
Decimal	8676864
CIELab	44.81, 3.60, 51.82
CIElCh	45, 51.950, 86.023
Yxy	14.4083, 0.4647, 0.4693
Android (android.graphics.Color)	4286866944 (0xFF846600)
YUV	99.3420, -48.9756, 28.6411
Hunter-Lab	37.9582, 0.6646, 23.4013

# Details

The Hex color **846600** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **001E84**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **BD993C**, and **4E3800** is the 20% darker color. If you saturate the color by 10%, you get **846600**, and if you desaturate by 10%, it is **84690D**.

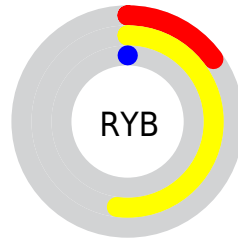
# Distribution



Red (52%)

Green (40%)

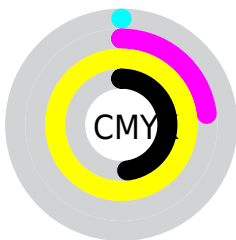
Blue (0%)



Red (15%)

Yellow (52%)

Blue (0%)

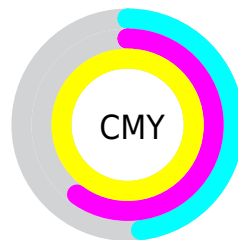


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 846600 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 846600 by changing the saturation by 10% instead.



 846600

 846600

 FFFFFB

 684E00

 BD993C

 4E3800

 DAB356

 342300

 F8CF70

 1B0E00

 FFE88B

 000000

 FFFFA6

 FFFFC2

 FFFFDE

 846600

 84690D

 846C1A

 846F28

 847235

 847542

 84784F

 847B5C

 847E6A

 848177

# Harmonies

## Analogous

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



A45521



846600



5A730F

# Triad

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



846600



007E8F



984D9B

# Complementary

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



846600



001E84

# 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.



5E61B8



846600



007AB1

# Square

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



846600



007E63



0071C1



B43F72

# Rectangle

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



846600



357829



0071C1



8954A7



# Sweetspot

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



846600



AB9F78



84001F



575037



D6D6D6



575757



# Same Dimension

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



846600



AB8400



618400



42413C



826400



030200



# Inverse Universe

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



001E84



0027AB



230084



3C3D42



001E82

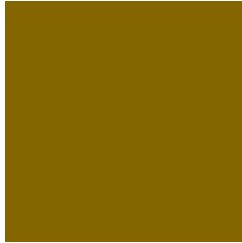


000103



# Previews

## White Background



This preview shows how the Hex color 846600 looks on a white background.

## Color Contrast Check

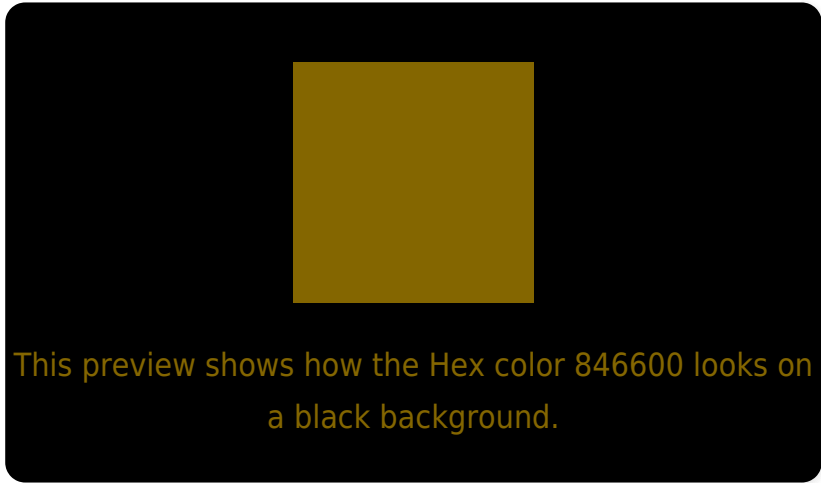
Large Text (above 18pt) WCAG AA ✓ Pass

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 846600 Background



This preview shows how black text looks on a background with the Hex color 846600.



This preview shows how white text looks on a background with the Hex color 846600.

# 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**  
846600

**Protanopia**  
786B07

**Deuteranopia**  
876506



**Tritanopia**  
895F66

# Trichromacy



**Original Color**  
846600

**Protanomaly**  
7C6904

**Deuteranomaly**  
866504

**Tritanomaly**  
876241

# Monochromacy



**Original Color**  
846600

**Achromatopsia**  
636363

**Achromatomaly**  
6F643F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 846600 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 #846600 looks like.

```
.text, #text, p{  
    color:#846600  
}
```

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 #846600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846600
}
```

## Border

The CSS property to change the border of an element to Hex 846600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

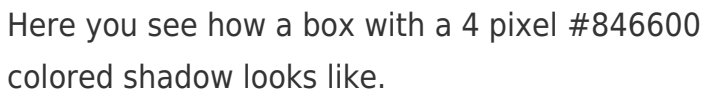
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846600 }
```

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

```
.border{ border-color:#846600 }
```

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



Here you see how a box with a 4 pixel #846600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846600; -webkit-box-shadow:4px 4px  
4px 4px #846600; box-shadow:4px 4px 4px  
4px #846600 }
```

# Background

The CSS property to change the background color of an element to Hex 846600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846600 }
```

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

```
.background{ background-color:#846600 }
```

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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