

Converting Colors

Hex(846A00)

Have a look what the booklet for
Hex(846A00) contains.

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Color

Hex(846A00)

Conversions

Conversions Part 1

Format	Color
Hex	846A00
RGB	132, 106, 0
RGB Percent	52%, 42%, 0%
CMY	0.4824, 0.5843, 1.0000
CMYK	0.00, 0.20, 1.00, 0.48
HSL	48°, 100%, 26%
HSV	48°, 100%, 52%
XYZ	14.6698, 15.2136, 2.1633
YIQ	101.6900, 49.5220, -27.4540

Conversions

Conversions Part 2

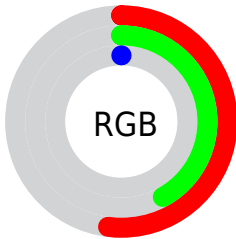
Format	Color
R_{YB}	32, 132, 0
Decimal	8677888
CIE Lab	45.93, 1.28, 52.60
CIE LCh	46, 52.614, 88.602
Yxy	15.2136, 0.4578, 0.4747
Android (android.graphics.Color)	4286867968 (0xFF846A00)
YUV	101.6900, -50.1332, 26.5819
Hunter-Lab	39.0046, -1.1237, 24.0148

Details

The Hex color **846A00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **001A84**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **BD9D3D**, and **4E3B00** is the 20% darker color. If you saturate the color by 10%, you get **846A00**, and if you desaturate by 10%, it is **846D0D**.

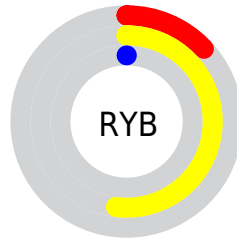
Distribution



Red (52%)

Green (42%)

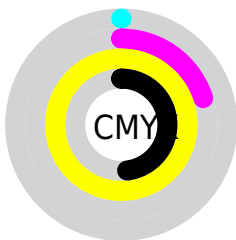
Blue (0%)



Red (13%)

Yellow (52%)

Blue (0%)

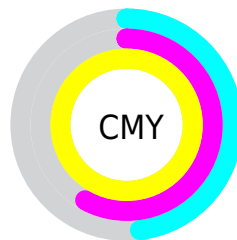


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846A00 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 846A00 by changing the saturation by 10% instead.



846A00



846A00

FFFFFFD



695200



BD9D3D



4E3B00



DAB857



342600



F8D371



1B1200



FFE88C



000000



FFFA7



FFFC3



FFFFE0



846A00

 846D0D

 846F1A

 847228

 847435

 847742

 847A4F

 847C5C

 847F6A

 848177

Harmonies

Analogous

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



A5591F



846A00



597614

Triad

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



846A00



008196



A04E9B

Complementary

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



846A00



001A84

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.



6862BB



846A00



007DB8

Square

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



846A00



008169



0073C5



B94171

Rectangle

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



846A00



317C2E



0073C5



9154A8

Sweetspot

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



846A00



ABA178



84001A



575137



D6D6D6



575757

Same Dimension

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



846A00



AB8900



5C8400



42413C



826800



030200

Inverse Universe

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



001A84



0022AB



280084



3C3D42



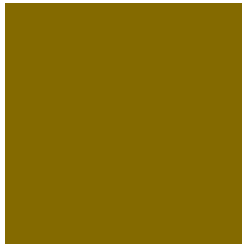
001A82



000103

Previews

White Background



This preview shows how the Hex color 846A00 looks on a white background.

Color Contrast Check

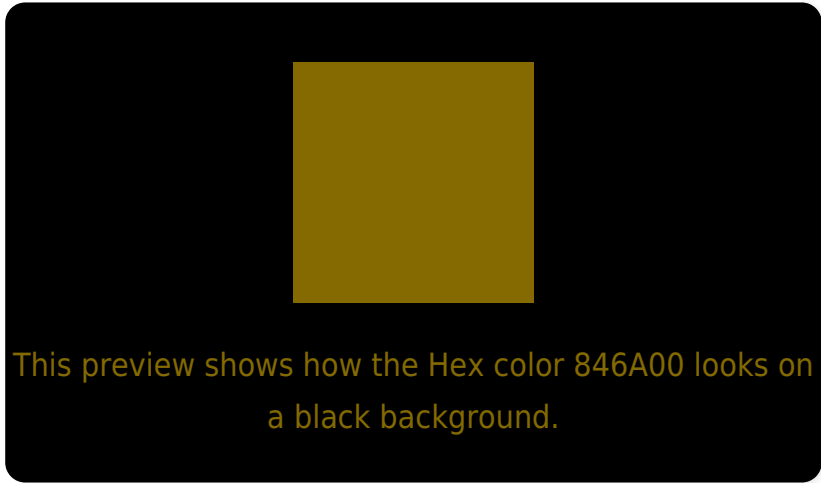
Large Text (above 18pt) WCAG AA ✓ Pass

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 846A00 Background



This preview shows how black text looks on a background with the Hex color 846A00.

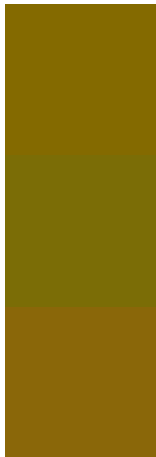


This preview shows how white text looks on a background with the Hex color 846A00.

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
846A00

Protanopia
7B6D06

Deuteranopia
8A6709

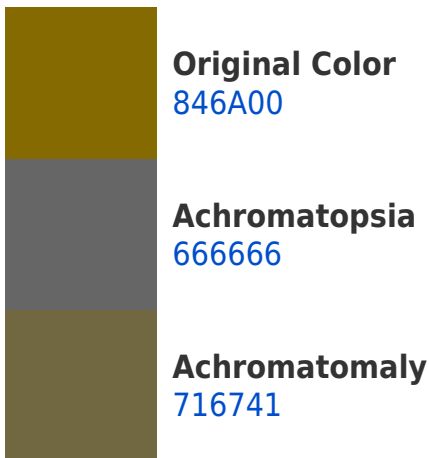


Tritanopia
89636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 846A00 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 #846A00 looks like.

```
.text, #text, p{  
    color:#846A00  
}
```

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 #846A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846A00
}
```

Border

The CSS property to change the border of an element to Hex 846A00 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
#846A00 }
```

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

```
.border{ border-color:#846A00 }
```

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

Here you see how a box with a 4 pixel #846A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846A00; -webkit-box-shadow:4px 4px  
4px 4px #846A00; box-shadow:4px 4px 4px  
4px #846A00 }
```

Background

The CSS property to change the background color of an element to Hex 846A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846A00 }
```

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

```
.background{ background-color:#846A00 }
```

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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