

# Converting Colors

Hex(844501)

Have a look what the booklet for  
Hex(844501) contains.

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**Color**

**Hex(844501)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844501
RGB	132, 69, 1
RGB Percent	52%, 27%, 0%
CMY	0.4824, 0.7294, 0.9961
CMYK	0.00, 0.48, 0.99, 0.48
HSL	31°, 98%, 26%
HSV	31°, 99%, 52%
XYZ	11.6493, 9.1640, 1.1836
YIQ	80.0850, 59.3760, -7.7920

# Conversions

## Conversions Part 2

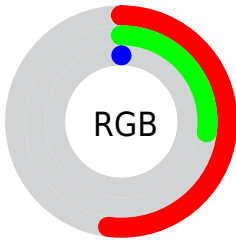
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 132, 1
Decimal	8668417
CIE <sub>Lab</sub>	36.30, 22.94, 45.87
CIE <sub>LCh</sub>	36, 51.284, 63.425
Yxy	9.1640, 0.5296, 0.4166
Android (android.graphics.Color)	4286858497 (0xFF844501)
YUV	80.0850, -38.9889, 45.5295
Hunter-Lab	30.2720, 15.7145, 18.8724

# Details

The Hex color **844501** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **014084**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **BE7636**, and **4C1800** is the 20% darker color. If you saturate the color by 10%, you get **844500**, and if you desaturate by 10%, it is **844B0E**.

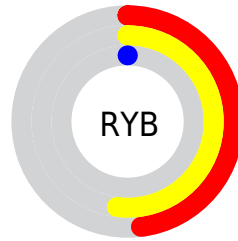
# Distribution



Red (52%)

Green (27%)

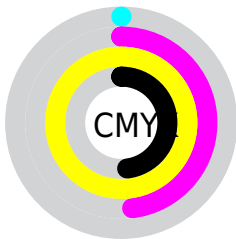
Blue (0%)



Red (48%)

Yellow (52%)

Blue (0%)

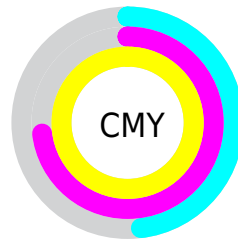


Cyan (0%)

Magenta (48%)

Yellow (99%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844501 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 844501 by changing the saturation by 10% instead.



 844501

 844501

 FFFFF0

 682E00

 BE7636

 4C1800

 DC904F

 310200

 FBAA68

 110000

 FFC682

 000000

 FFE29C

 FFFF88

 FFFFD4

 844501

 844501

■ 844500

■ 844B0E

■ 84521B

■ 845829

■ 845E36

■ 846543

■ 846B50

■ 84715D

■ 84786B

■ 847E78

# Harmonies

## Analogous

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



99312A



844501



635500

# Triad

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



844501



006859



5A489B

# Complementary

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



844501



014084

# 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.



0059A8



844501



006782

# Square

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



844501



00652E



00639F



8A337B

# Rectangle

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



844501



495D00



00639F



3F4EA2



# Sweetspot

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



844501



AB9278



840140



574837



D6D6D6



575757



# Same Dimension

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



844501



AB5900



828401



423F3C



824400



030100



# Inverse Universe

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



014084



0052AB



030184



3C3F42



003F82



000103



# Previews

## White Background



This preview shows how the Hex color 844501 looks on a white background.

## Color Contrast Check

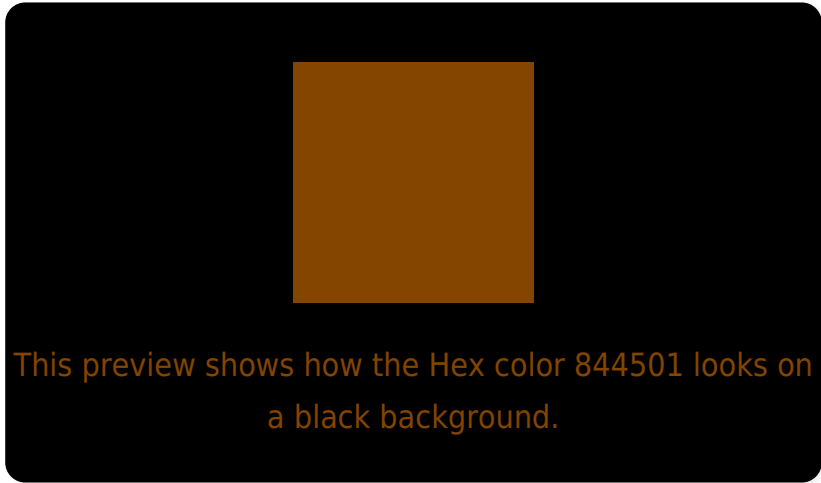
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

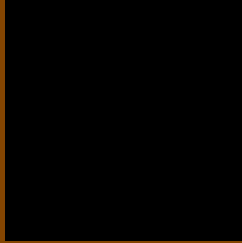
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 844501 Background



This preview shows how black text looks on a background with the Hex color 844501.



This preview shows how white text looks on a background with the Hex color 844501.

# 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**  
844501

**Protanopia**  
61560B

**Deuteranopia**  
6D5200



**Tritanopia**  
864045

# Trichromacy



**Original Color**  
844501

**Protanomaly**  
6E5007

**Deuteranomaly**  
754D00

**Tritanomaly**  
85422C

# Monochromacy



**Original Color**  
844501

**Achromatopsia**  
505050

**Achromatomaly**  
634C33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844501 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 #844501 looks like.

```
.text, #text, p{  
    color:#844501  
}
```

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 #844501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844501
}
```

## Border

The CSS property to change the border of an element to Hex 844501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

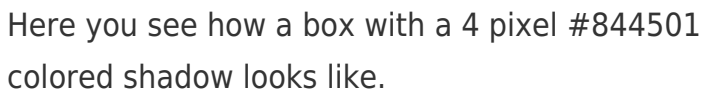
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844501 }
```

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

```
.border{ border-color:#844501 }
```

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



Here you see how a box with a 4 pixel #844501 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844501; -webkit-box-shadow:4px 4px  
4px 4px #844501; box-shadow:4px 4px 4px  
4px #844501 }
```

# Background

The CSS property to change the background color of an element to Hex 844501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844501 }
```

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

```
.background{ background-color:#844501 }
```

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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