

Converting Colors

Hex(4B4501)

Have a look what the booklet for
Hex(4B4501) contains.

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Color

Hex(4B4501)

Conversions

Conversions Part 1

Format	Color
Hex	4B4501
RGB	75, 69, 1
RGB Percent	29%, 27%, 0%
CMY	0.7059, 0.7294, 0.9961
CMYK	0.00, 0.08, 0.99, 0.71
HSL	55°, 97%, 15%
HSV	55°, 99%, 29%
XYZ	5.0353, 5.7543, 0.8740
YIQ	63.0420, 25.4040, -19.8760

Conversions

Conversions Part 2

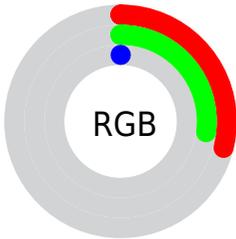
Format	Color
R_{YB}	8, 75, 1
Decimal	4932865
CIE _{Lab}	28.78, -5.25, 37.13
CIE _{LCh}	29, 37.495, 98.045
Yxy	5.7543, 0.4317, 0.4934
Android (android.graphics.Color)	4283122945 (0xFF4B4501)
YUV	63.0420, -30.5867, 10.4872
Hunter-Lab	23.9881, -4.5109, 14.6314

Details

The Hex color **4B4501** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **01074B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7F7533**, and **1B1A00** is the 20% darker color. If you saturate the color by 10%, you get **4B4500**, and if you desaturate by 10%, it is **4B4608**.

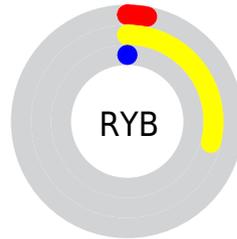
Distribution



Red (29%)

Green (27%)

Blue (0%)



Red (3%)

Yellow (29%)

Blue (0%)

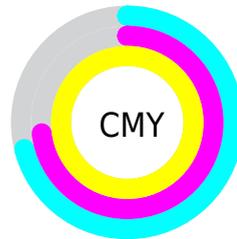


Cyan (0%)

Magenta (8%)

Yellow (99%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4501 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 4B4501 by changing the saturation by 10% instead.

 4B4501

 4B4501

 FFFFEB

 332F00

 7F7533

 1B1A00

 9A8E4B

 000000

 B5A964

 D2C47D

 EEE098

 FFFCB3

 FFFFCE

 4B4501

 4B4501

■ 4B4500

■ 4B4608

■ 4B4610

■ 4B4717

■ 4B471F

■ 4B4827

■ 4B492E

■ 4B4935

■ 4B4A3D

■ 4B4A45

Harmonies

Analogous

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



633A0A



4B4501



2C4C12

Triad

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



4B4501



005167



6C2C5A

Complementary

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



4B4501



01074B

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.



4F3972



4B4501



004D79

Square

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



4B4501



00514B



07457D



78273D

Rectangle

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



4B4501



074F23



07457D



653063

Sweetspot

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



4B4501



615F44



4B0107



302F1F



B0B0B0



303030

Same Dimension

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



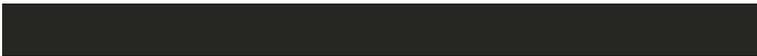
4B4501



615900



2C4B01



262622



665E00



E6D300

Inverse Universe

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



01074B



000861



20014B



222326



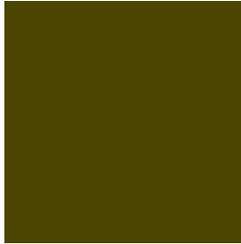
000866



0013E6

Previews

White Background



This preview shows how the Hex color 4B4501 looks on a white background.

Color Contrast Check

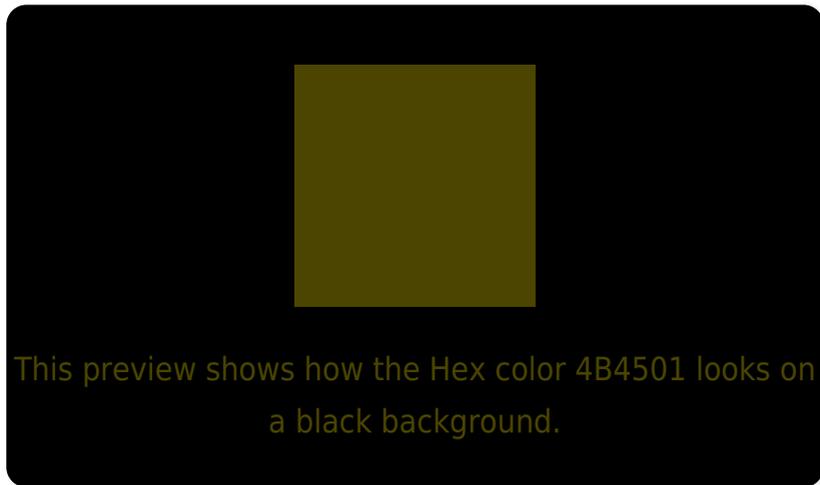
Large Text (above 18pt) WCAG AA ✓ Pass

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

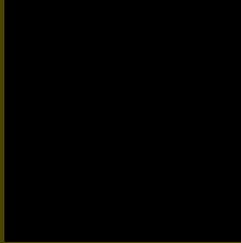
Any Text WCAG AA × Fail

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 4B4501 Background



This preview shows how black text looks on a background with the Hex color 4B4501.



This preview shows how white text looks on a background with the Hex color 4B4501.

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
4B4501

Protanopia
4D4400

Deuteranopia
564109



Tritanopia
4F4045

Trichromacy



Original Color
4B4501

Protanomaly
4C4400

Deuteranomaly
524206

Tritanomaly
4E422C

Monochromacy



Original Color
4B4501

Achromatopsia
3F3F3F

Achromatomaly
434128

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4501 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 #4B4501 looks like.

```
.text, #text, p{  
    color:#4B4501  
}
```

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 #4B4501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4501
}
```

Border

The CSS property to change the border of an element to Hex 4B4501 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".

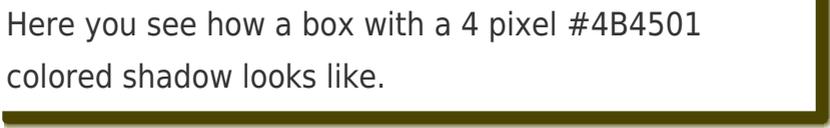
```
.border, #border, table{ border:4px solid
#4B4501 }
```

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

```
.border{ border-color:#4B4501 }
```

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

Here you see how a box with a 4 pixel #4B4501 colored shadow looks like.

A rectangular box with a dark olive green border and a matching shadow. The box is white with a thin grey border. The shadow is a dark olive green color, matching the border color. The shadow is applied to the bottom and right sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4501; -webkit-box-shadow:4px 4px  
4px 4px #4B4501; box-shadow:4px 4px 4px  
4px #4B4501 }
```

Background

The CSS property to change the background color of an element to Hex 4B4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4501 }
```

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

```
.background{ background-color:#4B4501 }
```

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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