

Converting Colors

Hex(4A4900)

Have a look what the booklet for
Hex(4A4900) contains.

Hex(4A4900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A4900)

Conversions

Conversions Part 1

Format	Color
Hex	4A4900
RGB	74, 73, 0
RGB Percent	29%, 29%, 0%
CMY	0.7098, 0.7137, 1.0000
CMYK	0.00, 0.01, 1.00, 0.71
HSL	59°, 100%, 15%
HSV	59°, 100%, 29%
XYZ	5.2066, 6.2209, 0.9263
YIQ	64.9770, 24.0290, -22.4910

Conversions

Conversions Part 2

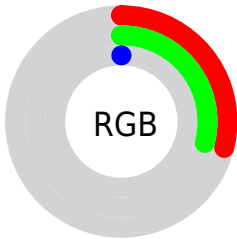
Format	Color
R_{YB}	1, 74, 0
Decimal	4868352
CIE Lab	29.96, -8.22, 38.41
CIE LCh	30, 39.281, 102.086
Yxy	6.2209, 0.4215, 0.5036
Android (android.graphics.Color)	4283058432 (0xFF4A4900)
YUV	64.9770, -32.0337, 7.9132
Hunter-Lab	24.9418, -6.3864, 15.2572

Details

The Hex color **4A4900** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00014A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7E7933**, and **1A1E00** is the 20% darker color. If you saturate the color by 10%, you get **4A4900**, and if you desaturate by 10%, it is **4A4907**.

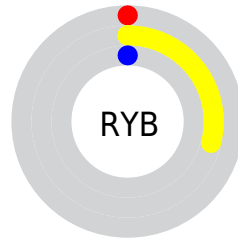
Distribution



Red (29%)

Green (29%)

Blue (0%)



Red (0%)

Yellow (29%)

Blue (0%)

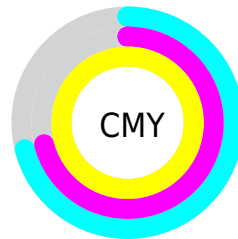


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4900 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 4A4900 by changing the saturation by 10% instead.

 4A4900

 4A4900

 FFFFEC

 323300

 7E7933

 1A1E00

 98934B

 000000

 B4AD64

 D0C97E

 EDE598

 FFFFB3

 FFFFCE

 4A4900

■ 4A4907

■ 4A490F

■ 4A4916

■ 4A491E

■ 4A4A25

■ 4A4A2C

■ 4A4A34

■ 4A4A3B

■ 4A4A43

Harmonies

Analogous

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



643E06



4A4900



285015

Triad

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



4A4900



00546F



742C5A

Complementary

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



4A4900



00014A

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.



583974



4A4900



004F81

Square

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



4A4900



005552



1A4683



7D283B

Rectangle

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



4A4900



005328



1A4683



6D2F64

Sweetspot

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



4A4900



616144



4A0001



30301F



B0B0B0



303030

Same Dimension

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



4A4900



616000



264A00



262622



666500



E6E200

Inverse Universe

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



00014A



000161



24004A



222226



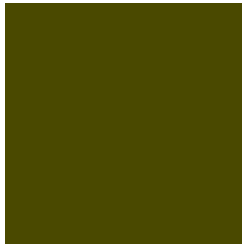
000166



0003E6

Previews

White Background



This preview shows how the Hex color 4A4900 looks on a white background.

Color Contrast Check

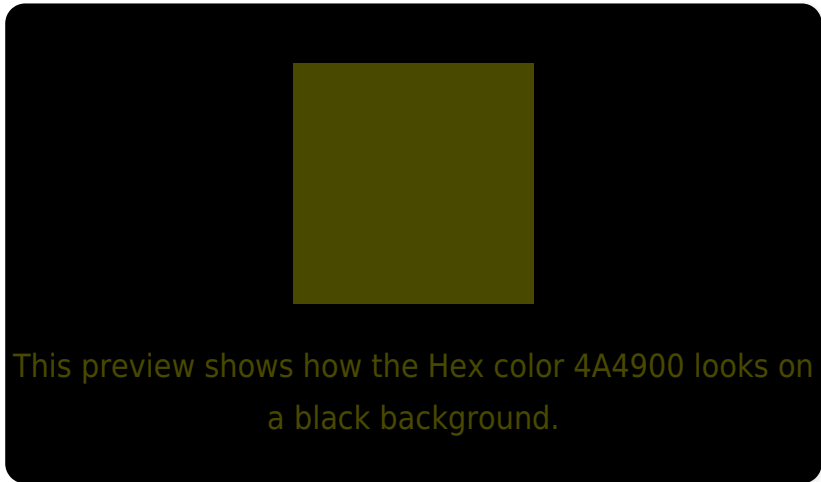
Large Text (above 18pt) WCAG AA ✓ Pass

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

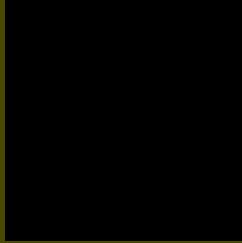
Any Text WCAG AA × Fail

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 4A4900 Background



This preview shows how black text looks on a background with the Hex color 4A4900.



This preview shows how white text looks on a background with the Hex color 4A4900.

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
4A4900

Protanopia
504700

Deuteranopia
59430B



Tritanopia
4F4449

Trichromacy



Original Color
4A4900

Protanomaly
4E4800

Deuteranomaly
544507

Tritanomaly
4D462E

Monochromacy



Original Color
4A4900

Achromatopsia
414141

Achromatomaly
444429

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4900 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 #4A4900 looks like.

```
.text, #text, p{  
    color:#4A4900  
}
```

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 #4A4900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4900
}
```

Border

The CSS property to change the border of an element to Hex 4A4900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

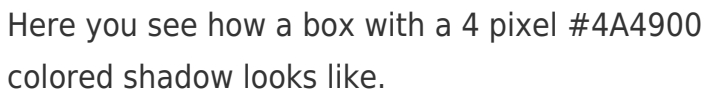
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4900 }
```

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

```
.border{ border-color:#4A4900 }
```

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



Here you see how a box with a 4 pixel #4A4900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4900; -webkit-box-shadow:4px 4px  
4px 4px #4A4900; box-shadow:4px 4px 4px  
4px #4A4900 }
```

Background

The CSS property to change the background color of an element to Hex 4A4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4900 }
```

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

```
.background{ background-color:#4A4900 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor