

# Converting Colors

Hex(4A5400)

Have a look what the booklet for  
Hex(4A5400) contains.

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**Color**

**Hex(4A5400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A5400
RGB	74, 84, 0
RGB Percent	29%, 33%, 0%
CMY	0.7098, 0.6706, 1.0000
CMYK	0.12, 0.00, 1.00, 0.67
HSL	67°, 100%, 16%
HSV	67°, 100%, 33%
XYZ	5.9944, 7.7965, 1.1889
YIQ	71.4340, 21.0040, -28.2440

# Conversions

## Conversions Part 2

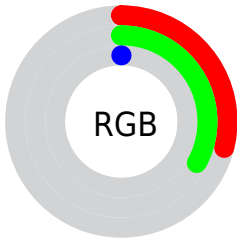
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 84, 10
Decimal	4871168
CIELab	33.56, -14.58, 41.07
CIELCh	34, 43.580, 109.542
Yxy	7.7965, 0.4002, 0.5205
Android (android.graphics.Color)	4283061248 (0xFF4A5400)
YUV	71.4340, -35.2170, 2.2504
Hunter-Lab	27.9222, -10.5433, 17.0210

# Details

The Hex color **4A5400** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0A0054**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7E8536**, and **192700** is the 20% darker color. If you saturate the color by 10%, you get **4A5400**, and if you desaturate by 10%, it is **4B5408**.

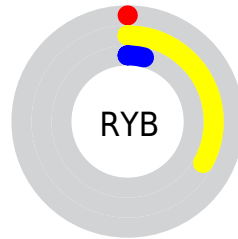
# Distribution



Red (29%)

Green (33%)

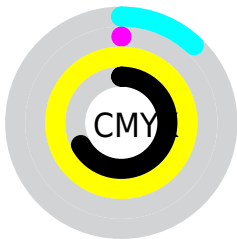
Blue (0%)



Red (0%)

Yellow (33%)

Blue (4%)

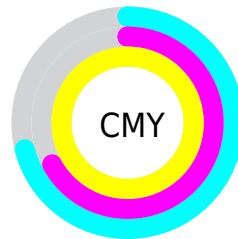


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (71%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A5400 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 4A5400 by changing the saturation by 10% instead.



 4A5400

 4A5400

 FFFFF0

 323D00

 7E8536

 192700

 98A04E

 001400

 B4BA68

 000000

 D0D682

 EDF39C

 FFFFB8

 FFFF4D

 4A5400

 4B5408

 4C5411

 4D5419

 4E5422

 4F542A

 505432

 51543B

 525443

 53544C

# Harmonies

## Analogous

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



6A4900



4A5400



1D5B1F

# Triad

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



4A5400



005D83



872D5D

# Complementary

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



4A5400



0A0054

# 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.



6C3B7C



4A5400



005693

# Square

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



4A5400



005F65



354B90



8C2D3A

# Rectangle

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



4A5400



005D35



354B90



803168



# Sweetspot

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



4A5400



6A6E4D



540A00



363824



B8B8B8



383838



# Same Dimension

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



4A5400



616E00



205400



282925



5C6900



CCE800



# Inverse Universe

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



0A0054



0D006E



340054



252529



0C0069



1C00E8



# Previews

## White Background



This preview shows how the Hex color 4A5400 looks on a white background.

## Color Contrast Check

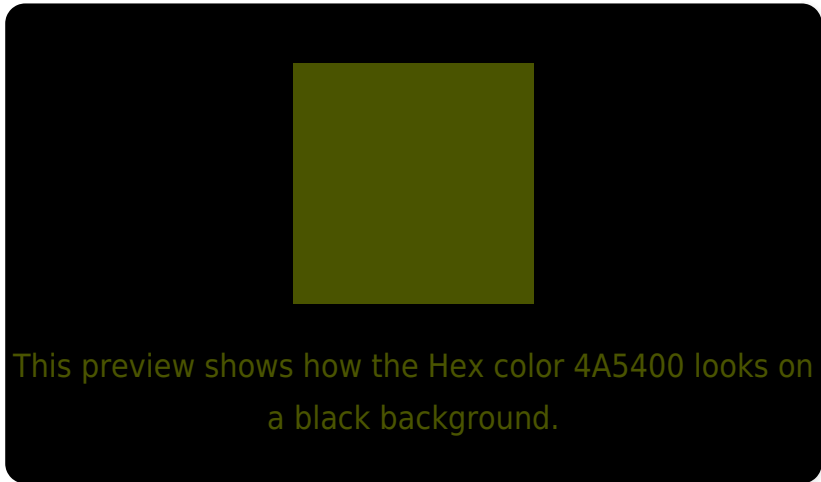
Large Text (above 18pt) WCAG AA ✓ Pass

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

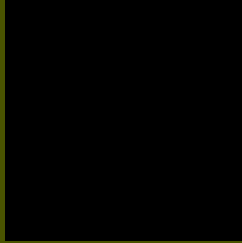
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A5400 Background



This preview shows how black text looks on a background with the Hex color 4A5400.



This preview shows how white text looks on a background with the Hex color 4A5400.

# 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**  
4A5400

**Protanopia**  
594F00

**Deuteranopia**  
644B0E



**Tritanopia**  
504E54

# Trichromacy



**Original Color**  
4A5400

**Protanomaly**  
545100

**Deuteranomaly**  
5B4E09

**Tritanomaly**  
4E5035

# Monochromacy



**Original Color**  
4A5400

**Achromatopsia**  
474747

**Achromatomaly**  
484C2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A5400 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 #4A5400 looks like.

```
.text, #text, p{  
    color:#4A5400  
}
```

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 #4A5400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5400
}
```

## Border

The CSS property to change the border of an element to Hex 4A5400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

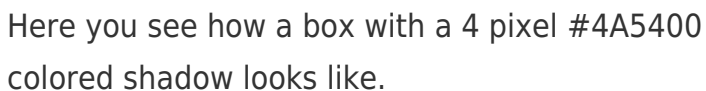
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A5400 }
```

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

```
.border{ border-color:#4A5400 }
```

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

A rectangular box with a 4px #4A5400 colored shadow. The box is white with a thin black border and a dark green shadow on the right and bottom sides.

Here you see how a box with a 4 pixel #4A5400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5400; -webkit-box-shadow:4px 4px  
4px 4px #4A5400; box-shadow:4px 4px 4px  
4px #4A5400 }
```

# Background

The CSS property to change the background color of an element to Hex 4A5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5400 }
```

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

```
.background{ background-color:#4A5400 }
```

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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