

# Converting Colors

Hex(4A5100)

Have a look what the booklet for  
Hex(4A5100) contains.

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**Color**

**Hex(4A5100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A5100
RGB	74, 81, 0
RGB Percent	29%, 32%, 0%
CMY	0.7098, 0.6824, 1.0000
CMYK	0.09, 0.00, 1.00, 0.68
HSL	65°, 100%, 16%
HSV	65°, 100%, 32%
XYZ	5.7665, 7.3407, 1.1130
YIQ	69.6730, 21.8290, -26.6750

# Conversions

## Conversions Part 2

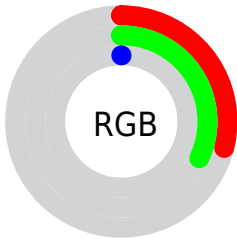
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 81, 7</a>
Decimal	<a href="#">4870400</a>
CIELab	<a href="#">32.57, -12.89, 40.34</a>
CIELCh	<a href="#">33, 42.345, 107.716</a>
Yxy	<a href="#">7.3407, 0.4055, 0.5162</a>
Android (android.graphics.Color)	<a href="#">4283060480 (0xFF4A5100)</a>
YUV	<a href="#">69.6730, -34.3488, 3.7948</a>
Hunter-Lab	<a href="#">27.0937, -9.4232, 16.5301</a>

# Details

The Hex color **4A5100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **070051**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7E8235**, and **1A2500** is the 20% darker color. If you saturate the color by 10%, you get **4A5100**, and if you desaturate by 10%, it is **4B5108**.

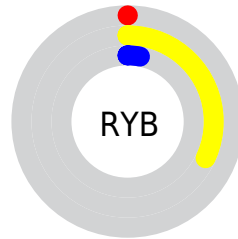
# Distribution



Red (29%)

Green (32%)

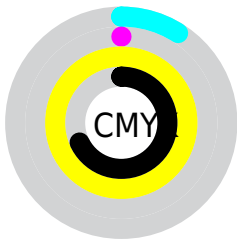
Blue (0%)



Red (0%)

Yellow (32%)

Blue (3%)

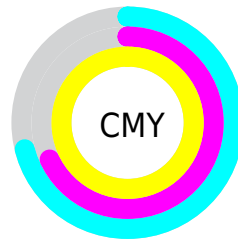


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A5100 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 4A5100 by changing the saturation by 10% instead.



 4A5100

 4A5100

 FFFFEF

 323A00

 7E8235

 1A2500

 989C4D

 001000

 B4B767

 000000

 D0D380

 EDEF9B

 FFFFB6

 FFFF D2

 4A5100

■ 4B5108

■ 4B5110

■ 4C5118

■ 4D5120

■ 4E5129

■ 4E5131

■ 4F5139

■ 505141

■ 505149

# Harmonies

## Analogous

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



684601



4A5100



20581C

# Triad

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



4A5100



005A7D



822D5C

# Complementary

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



4A5100



070051

# 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.



673A7A



4A5100



00548E

# Square

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



4A5100



005C60



2F4A8D



882C3A

# Rectangle

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



4A5100



005A32



2F4A8D



7B3167



# Sweetspot

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



4A5100



666949



510700



343622



B5B5B5



363636



# Same Dimension

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



4A5100



606900



225100



282925



D4E800

# Inverse Universe

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



070051



090069



2F0051



252529



1400E8

# Previews

## White Background



This preview shows how the Hex color 4A5100 looks on a white background.

## Color Contrast Check

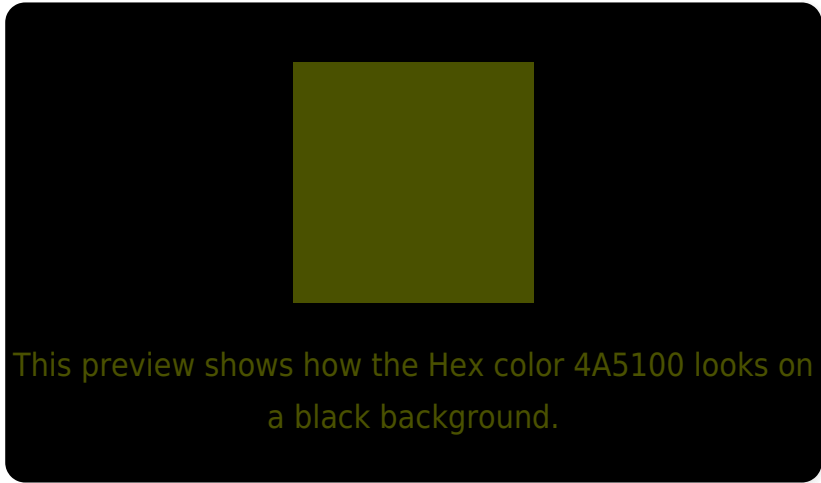
Large Text (above 18pt) WCAG AA ✓ Pass

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

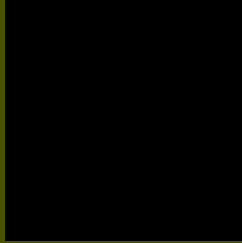
Any Text WCAG AA × Fail

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 4A5100 Background



This preview shows how black text looks on a background with the Hex color 4A5100.



This preview shows how white text looks on a background with the Hex color 4A5100.

# 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**  
4A5100

**Protanopia**  
574D00

**Deuteranopia**  
61490D





**Tritanopia**  
504B51

# Trichromacy



**Original Color**  
4A5100

**Protanomaly**  
524E00

**Deuteranomaly**  
594C08

**Tritanomaly**  
4E4D34

# Monochromacy



**Original Color**  
4A5100

**Achromatopsia**  
464646

**Achromatomaly**  
474A2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A5100 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 #4A5100 looks like.

```
.text, #text, p{  
    color:#4A5100  
}
```

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 #4A5100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5100
}
```

## Border

The CSS property to change the border of an element to Hex 4A5100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

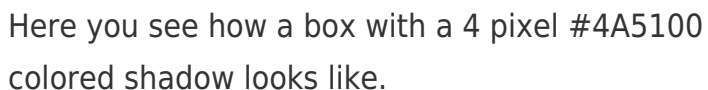
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A5100 }
```

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

```
.border{ border-color:#4A5100 }
```

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



Here you see how a box with a 4 pixel #4A5100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5100; -webkit-box-shadow:4px 4px  
4px 4px #4A5100; box-shadow:4px 4px 4px  
4px #4A5100 }
```

# Background

The CSS property to change the background color of an element to Hex 4A5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5100 }
```

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

```
.background{ background-color:#4A5100 }
```

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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