

# Converting Colors

Hex(4A5530)

Have a look what the booklet for  
Hex(4A5530) contains.

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# Color

**Hex(4A5530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A5530
RGB	74, 85, 48
RGB Percent	29%, 33%, 19%
CMY	0.7098, 0.6667, 0.8118
CMYK	0.13, 0.00, 0.44, 0.67
HSL	78°, 28%, 26%
HSV	78°, 44%, 33%
XYZ	6.6060, 8.1662, 4.0244
YIQ	77.4930, 5.3210, -13.8390

# Conversions

## Conversions Part 2

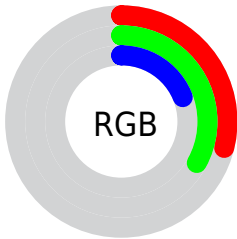
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 85, 59
Decimal	4871472
CIELab	34.33, -11.35, 20.15
CIELCh	34, 23.126, 119.393
Yxy	8.1662, 0.3514, 0.4345
Android (android.graphics.Color)	4283061552 (0xFF4A5530)
YUV	77.4930, -14.5400, -3.0634
Hunter-Lab	28.5766, -8.7454, 11.6540

# Details

The Hex color **4A5530** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B3055**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7B875F**, and **1E2801** is the 20% darker color. If you saturate the color by 10%, you get **475527**, and if you desaturate by 10%, it is **4D5539**.

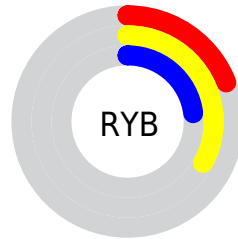
# Distribution



Red (29%)

Green (33%)

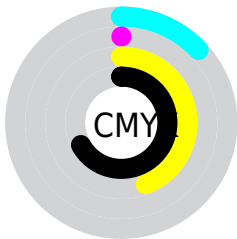
Blue (19%)



Red (19%)

Yellow (33%)

Blue (23%)

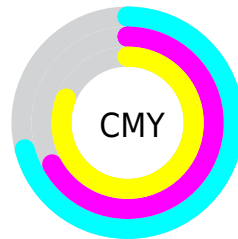


Cyan (13%)

Magenta (0%)

Yellow (44%)

Black (67%)



Cyan (71%)

Magenta (67%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A5530 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 4A5530 by changing the saturation by 10% instead.



 4A5530

 4A5530

FFFFFF

 333E1A

 7B875F

 1E2801

 95A178

 001500

 B0BC91

 000000

 CCD8AC

 E8F4C8

 FFFFE4

 4A5530

 4A5530

 475527

 4D5539

■ 45551F

■ 4F5541

■ 425516

■ 52554A

■ 40550E

■ 545552

■ 3D5505

■ 57555A

■ 3C5500

■ 595563

■ 5C556B

■ 5E5574

■ 61557C

# Harmonies

## Analogous

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



5D4F2C



4A5530



34593D

# Triad

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



4A5530



0F5770



734252

# Complementary

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



4A5530



3B3055

# 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.



674664



4A5530



355375

# Square

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



4A5530



005A62



524C71



744440

# Rectangle

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



4A5530



235A49



524C71



704358



# Sweetspot

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



4A5530



696E5F



553A30



35382F



B8B8B8



383838



# Same Dimension

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



4A5530



5D6E35



385530



2A2B27



4B6B00



A5EB00



# Inverse Universe

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



3B3055



46356E



4D3055



28272B



20006B



4600EB



# Previews

## White Background



This preview shows how the Hex color 4A5530 looks on a white background.

## Color Contrast Check

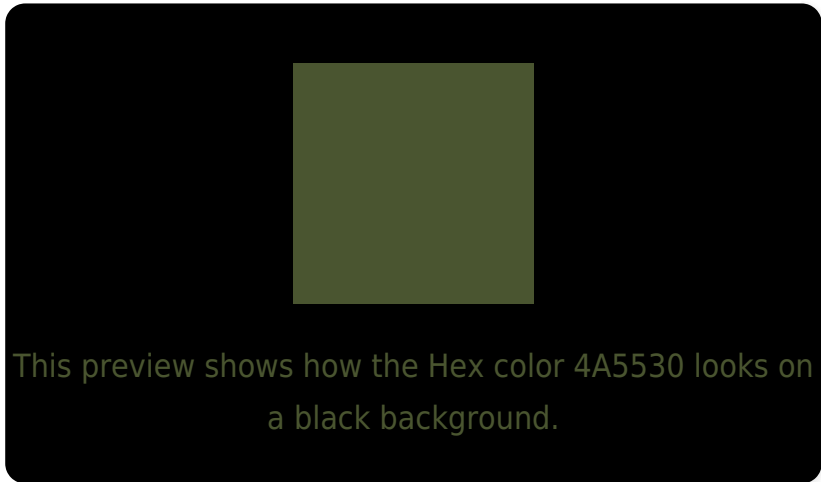
Large Text (above 18pt) WCAG AA ✓ Pass

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

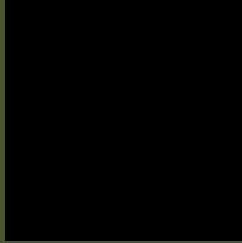
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A5530 Background



This preview shows how black text looks on a background with the Hex color 4A5530.



This preview shows how white text looks on a background with the Hex color 4A5530.

# 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**  
4A5530

**Protanopia**  
58512E

**Deuteranopia**  
614D32



**Tritanopia**  
4F5057

# Trichromacy



**Original Color**  
4A5530

**Protanomaly**  
53522F

**Deuteranomaly**  
595031

**Tritanomaly**  
4D5249

# Monochromacy



**Original Color**  
4A5530

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4C5042

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A5530 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 #4A5530 looks like.

```
.text, #text, p{  
    color:#4A5530  
}
```

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 #4A5530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5530
}
```

## Border

The CSS property to change the border of an element to Hex 4A5530 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".

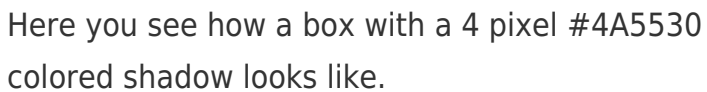
```
.border, #border, table{ border:4px solid
#4A5530 }
```

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

```
.border{ border-color:#4A5530 }
```

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

Here you see how a box with a 4 pixel #4A5530 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5530; -webkit-box-shadow:4px 4px  
4px 4px #4A5530; box-shadow:4px 4px 4px  
4px #4A5530 }
```

# Background

The CSS property to change the background color of an element to Hex 4A5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5530 }
```

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

```
.background{ background-color:#4A5530 }
```

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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