

# Converting Colors

Hex(4A5231)

Have a look what the booklet for  
Hex(4A5231) contains.

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# Color

**Hex(4A5231)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A5231
RGB	74, 82, 49
RGB Percent	29%, 32%, 19%
CMY	0.7098, 0.6784, 0.8078
CMYK	0.10, 0.00, 0.40, 0.68
HSL	75°, 25%, 26%
HSV	75°, 40%, 32%
XYZ	6.3957, 7.7122, 4.0572
YIQ	75.8460, 5.8250, -11.9590

# Conversions

## Conversions Part 2

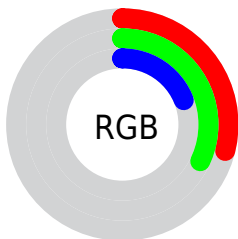
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 82, 57
Decimal	4870705
CIELab	33.38, -9.46, 18.33
CIElCh	33, 20.626, 117.294
Yxy	7.7122, 0.3521, 0.4246
Android (android.graphics.Color)	4283060785 (0xFF4A5231)
YUV	75.8460, -13.2351, -1.6189
Hunter-Lab	27.7708, -7.4898, 10.7775

# Details

The Hex color **4A5231** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **393152**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7B8360**, and **1E2503** is the 20% darker color. If you saturate the color by 10%, you get **485229**, and if you desaturate by 10%, it is **4C5239**.

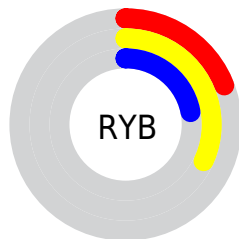
# Distribution



Red (29%)

Green (32%)

Blue (19%)



Red (19%)

Yellow (32%)

Blue (22%)

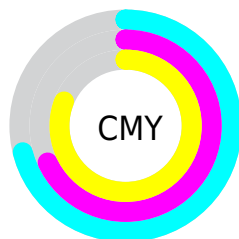


Cyan (10%)

Magenta (0%)

Yellow (40%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A5231 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 4A5231 by changing the saturation by 10% instead.



 4A5231

 4A5231

FFFFFF

 333B1B

 7B8360

 1E2503

 959D79

 001100

 B0B892

 000000

 CCD4AD

 E8F0C8

 FFFF E5

 4A5231

 4A5231

 485229

 4C5239

■ 465221

■ 4E5241

■ 445218

■ 50524A

■ 425210

■ 525252

■ 405208

■ 54525A

■ 3E5200

■ 565262

■ 58526A

■ 5A5273

■ 5C527B

# Harmonies

## Analogous

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



5B4D2E



4A5231



37553C

# Triad

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



4A5231



1A5569



6D4251

# Complementary

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



4A5231



393152

# 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.



624560



4A5231



35516F

# Square

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



4A5231



10575D



4E4B6B



6E4340

# Rectangle

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



4A5231



295747



4E4B6B



6A4356



# Sweetspot

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



4A5231



686B5E



523931



34362E



B5B5B5



363636



# Same Dimension

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



4A5231



5F6B38



3A5231



282925



4F6900



B0E800



# Inverse Universe

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



393152



44386B



493152



262529



190069



3800E8



# Previews

## White Background



This preview shows how the Hex color 4A5231 looks on a white background.

## Color Contrast Check

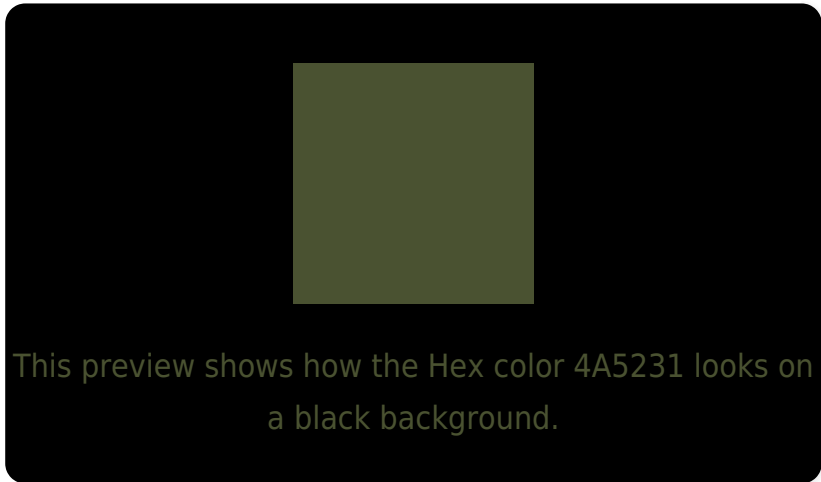
Large Text (above 18pt) WCAG AA ✓ Pass

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

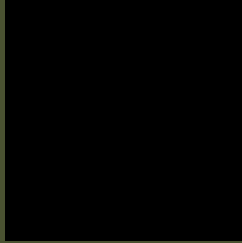
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

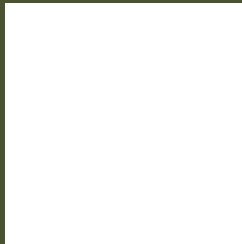
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A5231 Background



This preview shows how black text looks on a background with the Hex color 4A5231.



This preview shows how white text looks on a background with the Hex color 4A5231.

# 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**  
4A5231

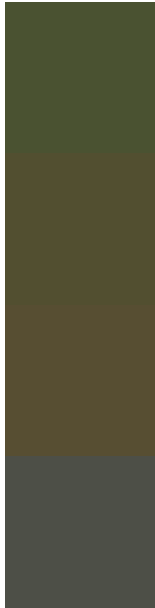
**Protanopia**  
564E30

**Deuteranopia**  
5E4B33



**Tritanopia**  
4E4E54

# Trichromacy



**Original Color**  
4A5231

**Protanomaly**  
524F30

**Deuteranomaly**  
574E32

**Tritanomaly**  
4D4F47

# Monochromacy



**Original Color**  
4A5231

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4B4E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A5231 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 #4A5231 looks like.

```
.text, #text, p{  
    color:#4A5231  
}
```

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 #4A5231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5231
}
```

## Border

The CSS property to change the border of an element to Hex 4A5231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

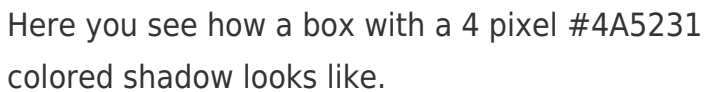
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A5231 }
```

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

```
.border{ border-color:#4A5231 }
```

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



Here you see how a box with a 4 pixel #4A5231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5231; -webkit-box-shadow:4px 4px  
4px 4px #4A5231; box-shadow:4px 4px 4px  
4px #4A5231 }
```

# Background

The CSS property to change the background color of an element to Hex 4A5231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5231 }
```

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

```
.background{ background-color:#4A5231 }
```

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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