

# Converting Colors

Hex(4A6C33)

Have a look what the booklet for  
Hex(4A6C33) contains.

<b>Hex(4A6C33)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4A6C33)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A6C33
RGB	74, 108, 51
RGB Percent	29%, 42%, 20%
CMY	0.7098, 0.5765, 0.8000
CMYK	0.31, 0.00, 0.53, 0.58
HSL	96°, 36%, 31%
HSV	96°, 53%, 42%
XYZ	8.7841, 12.4200, 5.0663
YIQ	91.3360, -1.9670, -24.9350

# Conversions

## Conversions Part 2

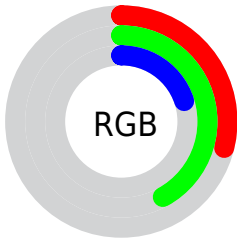
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 108, 85
Decimal	4877363
CIELab	41.88, -23.41, 27.85
CIELCh	42, 36.380, 130.043
Yxy	12.4200, 0.3344, 0.4728
Android (android.graphics.Color)	4283067443 (0xFF4A6C33)
YUV	91.3360, -19.8856, -15.2037
Hunter-Lab	35.2420, -17.1820, 16.1460

# Details

The Hex color **4A6C33** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55336C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7DA063**, and **1A3C04** is the 20% darker color. If you saturate the color by 10%, you get **446C28**, and if you desaturate by 10%, it is **506C3E**.

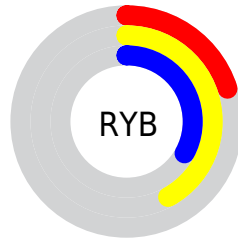
# Distribution



Red (29%)

Green (42%)

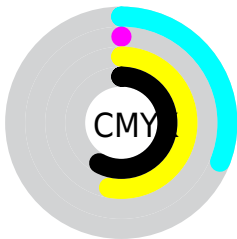
Blue (20%)



Red (20%)

Yellow (42%)

Blue (33%)

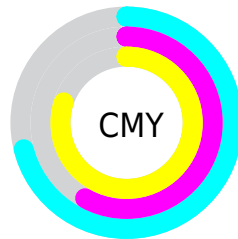


Cyan (31%)

Magenta (0%)

Yellow (53%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A6C33 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 4A6C33 by changing the saturation by 10% instead.





4A6C33



4A6C33

FFFFFF



32541C



7DA063



1A3C04



97BB7C



022600



B2D796



000D00



CEF3B1



000000



EAF6CD



FFFFE9



4A6C33



4A6C33



446C28



506C3E

■ 3D6C1D

■ 576C49

■ 376C13

■ 5D6C53

■ 306C08

■ 646C5E

■ 2C6C00

■ 6A6C69

■ 716C74

■ 776C7F

■ 7E6C89

■ 846C94

# Harmonies

## Analogous

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



6A6425



4A6C33



19704D

# Triad

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



4A6C33



006B9B



9B495A

# Complementary

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



4A6C33



55336C

# 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.



8F4C78



4A6C33



41639E

# Square

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



4A6C33



007089



725791



964F3E

# Rectangle

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



4A6C33



007262



725791



994964



# Sweetspot

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



4A6C33



7F8C76



6C5433



3F473A



C7C7C7



474747



# Same Dimension

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



4A6C33



588C34



336C38



323630



2F7500



63F500



# Inverse Universe

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



55336C



69348C



6C3367



333036



460075



9200F5



# Previews

## White Background



This preview shows how the Hex color 4A6C33 looks on a white background.

## Color Contrast Check

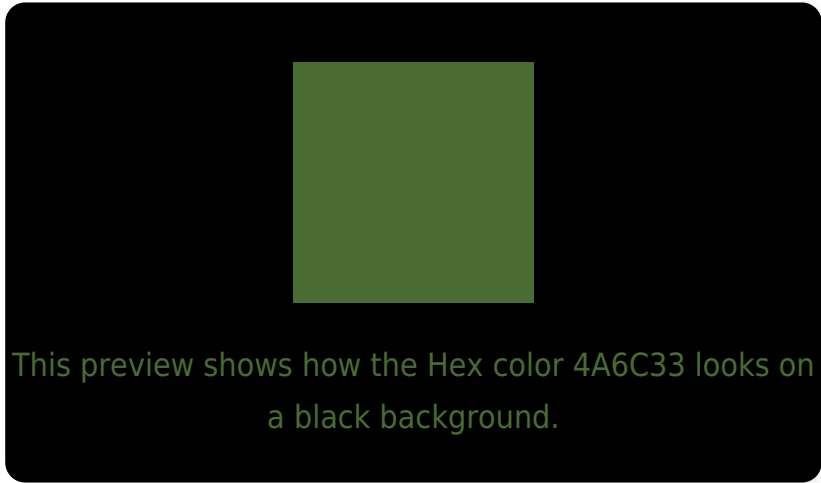
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

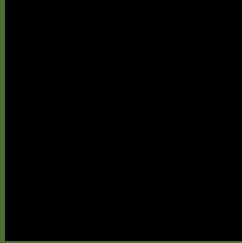
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A6C33 Background



This preview shows how black text looks on a background with the Hex color 4A6C33.



This preview shows how white text looks on a background with the Hex color 4A6C33.

# 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](#).

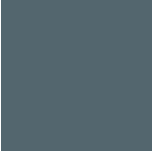
## Dichromacy



**Original Color**  
4A6C33

**Protanopia**  
6D6330

**Deuteranopia**  
785E37



**Tritanopia**  
53666E

# Trichromacy



**Original Color**  
4A6C33

**Protanomaly**  
606631

**Deuteranomaly**  
676336

**Tritanomaly**  
506859

# Monochromacy



**Original Color**  
4A6C33

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
55614C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A6C33 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 #4A6C33 looks like.

```
.text, #text, p{  
    color:#4A6C33  
}
```

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 #4A6C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6C33
}
```

## Border

The CSS property to change the border of an element to Hex 4A6C33 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".

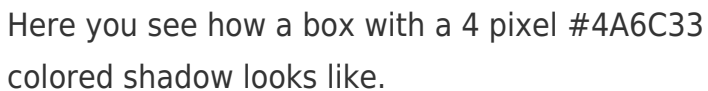
```
.border, #border, table{ border:4px solid
#4A6C33 }
```

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

```
.border{ border-color:#4A6C33 }
```

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

Here you see how a box with a 4 pixel #4A6C33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6C33; -webkit-box-shadow:4px 4px  
4px 4px #4A6C33; box-shadow:4px 4px 4px  
4px #4A6C33 }
```

# Background

The CSS property to change the background color of an element to Hex 4A6C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6C33 }
```

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

```
.background{ background-color:#4A6C33 }
```

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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