

# Converting Colors

Hex(4A603A)

Have a look what the booklet for  
Hex(4A603A) contains.

<b>Hex(4A603A)</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(4A603A)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A603A
RGB	74, 96, 58
RGB Percent	29%, 38%, 23%
CMY	0.7098, 0.6235, 0.7725
CMYK	0.23, 0.00, 0.40, 0.62
HSL	95°, 25%, 30%
HSV	95°, 40%, 38%
XYZ	7.7706, 10.1271, 5.5482
YIQ	85.0900, -0.9140, -16.4820

# Conversions

## Conversions Part 2

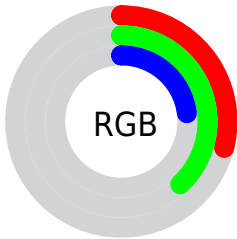
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 96, 80
Decimal	4874298
CIELab	38.07, -16.05, 19.08
CIELCh	38, 24.930, 130.076
Yxy	10.1271, 0.3314, 0.4319
Android (android.graphics.Color)	4283064378 (0xFF4A603A)
YUV	85.0900, -13.3554, -9.7259
Hunter-Lab	31.8231, -12.1038, 11.9393

# Details

The Hex color **4A603A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **503A60**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7B936A**, and **1D320F** is the 20% darker color. If you saturate the color by 10%, you get **446030**, and if you desaturate by 10%, it is **506044**.

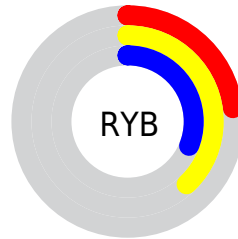
# Distribution



Red (29%)

Green (38%)

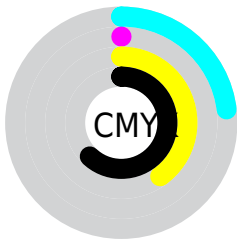
Blue (23%)



Red (23%)

Yellow (38%)

Blue (31%)

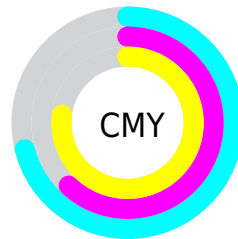


Cyan (23%)

Magenta (0%)

Yellow (40%)

Black (62%)



Cyan (71%)

Magenta (62%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A603A 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 4A603A by changing the saturation by 10% instead.





4A603A



4A603A

FFFFFF



334824



7B936A



1D320F



96AD83



041D00



B0C99D



000000



CCE5B8



E8FFD4



FFFFF0



4A603A



4A603A



446030



506044

■ 3F6027

■ 55604D

■ 39601D

■ 5B6057

■ 346014

■ 606060

■ 2E600A

■ 66606A

■ 296000

■ 6B6074

■ 286000

■ 71607D

■ 766087

■ 7C6090

# Harmonies

## Analogous

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



605B31



4A603A



30634B

# Triad

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



4A603A



225F7F



814A53

# Complementary

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



4A603A



503A60

# 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.



784C68



4A603A



475981

# Square

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



4A603A



006373



655279



7E4D41

# Rectangle

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



4A603A



1C6459



655279



7F4A5A



# Sweetspot

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



4A603A



747D6E



60503A



3B4037



BFBFBF



404040



# Same Dimension

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



4A603A



5A7D41



3A603D



2E302C



2F7000



65F000



# Inverse Universe

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



503A60



64417D



603A5D



2E2C30



410070

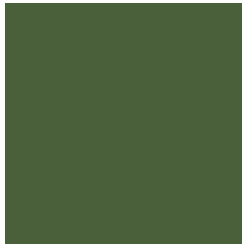


8B00F0



# Previews

## White Background



This preview shows how the Hex color 4A603A looks on a white background.

## Color Contrast Check

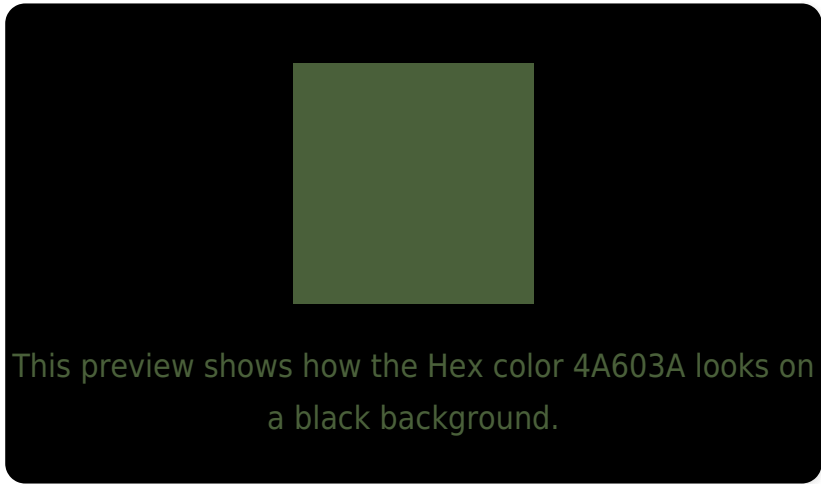
Large Text (above 18pt) WCAG AA ✓ Pass

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

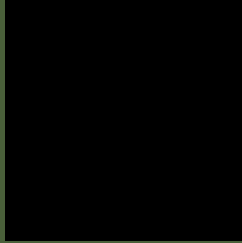
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A603A Background



This preview shows how black text looks on a background with the Hex color 4A603A.



This preview shows how white text looks on a background with the Hex color 4A603A.

# 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**  
4A603A

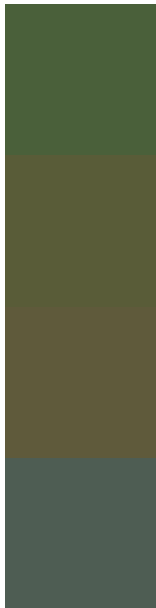
**Protanopia**  
625937

**Deuteranopia**  
6B563C



**Tritanopia**  
505B62

# Trichromacy



**Original Color**  
4A603A

**Protanomaly**  
595C38

**Deuteranomaly**  
5F5A3B

**Tritanomaly**  
4E5D53

# Monochromacy



**Original Color**  
4A603A

**Achromatopsia**  
555555

**Achromatomaly**  
51594B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A603A 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 #4A603A looks like.

```
.text, #text, p{  
    color:#4A603A  
}
```

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 #4A603A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A603A
}
```

## Border

The CSS property to change the border of an element to Hex 4A603A 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".

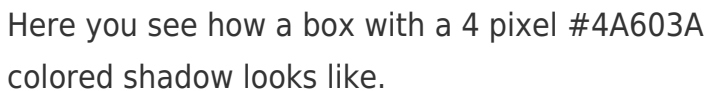
```
.border, #border, table{ border:4px solid
#4A603A }
```

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

```
.border{ border-color:#4A603A }
```

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

Here you see how a box with a 4 pixel #4A603A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A603A; -webkit-box-shadow:4px 4px  
4px 4px #4A603A; box-shadow:4px 4px 4px  
4px #4A603A }
```

# Background

The CSS property to change the background color of an element to Hex 4A603A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A603A }
```

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

```
.background{ background-color:#4A603A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor