

# Converting Colors

Hex(4D702A)

Have a look what the booklet for  
Hex(4D702A) contains.

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# Color

Hex(4D702A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D702A
RGB	77, 112, 42
RGB Percent	30%, 44%, 16%
CMY	0.6980, 0.5608, 0.8353
CMYK	0.31, 0.00, 0.63, 0.56
HSL	90°, 45%, 30%
HSV	90°, 63%, 44%
XYZ	9.2727, 13.3333, 4.2753
YIQ	93.5550, 1.6100, -29.1900

# Conversions

## Conversions Part 2

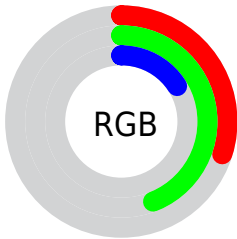
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 112, 77
Decimal	5074986
CIELab	43.26, -25.26, 34.20
CIELCh	43, 42.515, 126.453
Yxy	13.3333, 0.3449, 0.4960
Android (android.graphics.Color)	4283265066 (0xFF4D702A)
YUV	93.5550, -25.4166, -14.5187
Hunter-Lab	36.5148, -18.5721, 18.6183

# Details

The Hex color **4D702A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D2A70**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **80A45A**, and **1C4000** is the 20% darker color. If you saturate the color by 10%, you get **47701F**, and if you desaturate by 10%, it is **537035**.

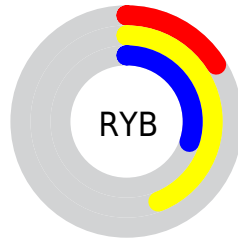
# Distribution



Red (30%)

Green (44%)

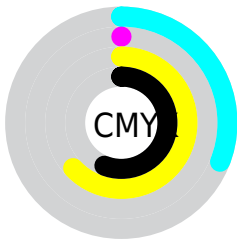
Blue (16%)



Red (16%)

Yellow (44%)

Blue (30%)

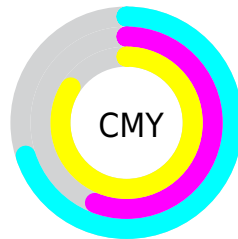


Cyan (31%)

Magenta (0%)

Yellow (63%)

Black (56%)



Cyan (70%)

Magenta (56%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D702A 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 4D702A by changing the saturation by 10% instead.





4D702A



4D702A

FFFFFF



345712



80A45A



1C4000



9BBF74



022900



B6DB8E



001400



D3F8A9



000000



EFFFC4



FFFFE0



FFFFFD



4D702A



4D702A

■ 47701F

■ 537035

■ 427014

■ 587040

■ 3C7008

■ 5E704C

■ 387000

■ 637057

■ 697062

■ 6F706D

■ 747078

■ 7A7084

■ 7F708F

# Harmonies

## Analogous

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



72671A



4D702A



0A7549

# Triad

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



4D702A



0071A6



A64660

# Complementary

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



4D702A



4D2A70

# 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.



974C83



4D702A



2C68AC

# Square

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



4D702A



00768F



725A9F



A24D3E

# Rectangle

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



4D702A



007761



725A9F



A3466C



# Sweetspot

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



4D702A



849176



704D2A



414A39



C9C9C9



4A4A4A



# Same Dimension

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



4D702A



5B9124



2A702A



353832



3C7800



7CF700



# Inverse Universe

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



4D2A70



5B2491



702A70



353238



3C0078



7C00F7



# Previews

## White Background



This preview shows how the Hex color 4D702A looks on a white background.

## Color Contrast Check

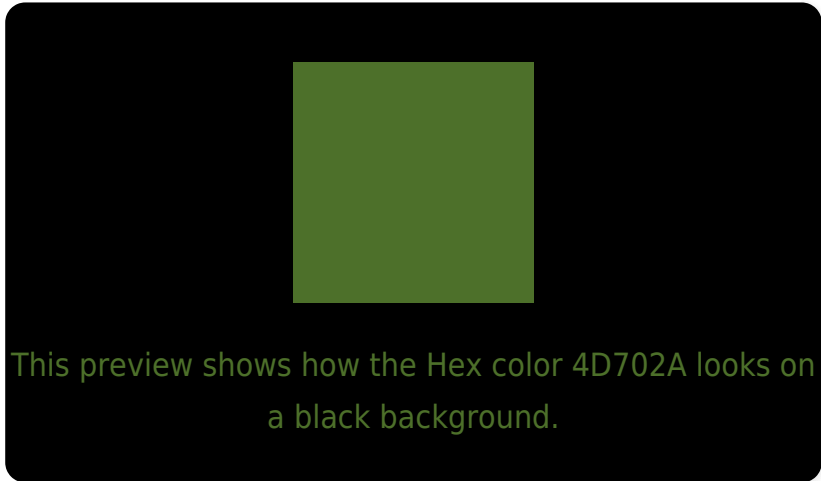
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D702A Background



This preview shows how black text looks on a background with the Hex color 4D702A.



This preview shows how white text looks on a background with the Hex color 4D702A.

# 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**  
4D702A

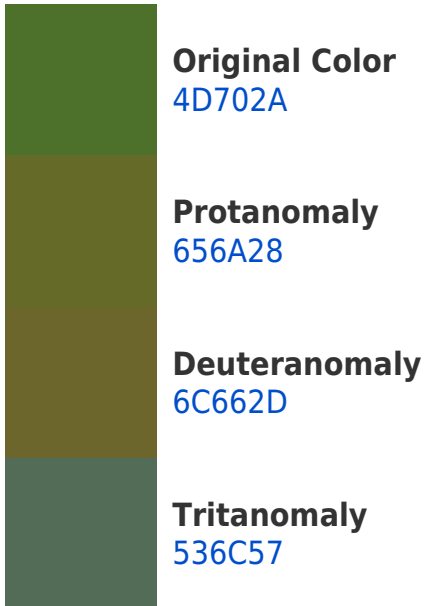
**Protanopia**  
726627

**Deuteranopia**  
7E612F

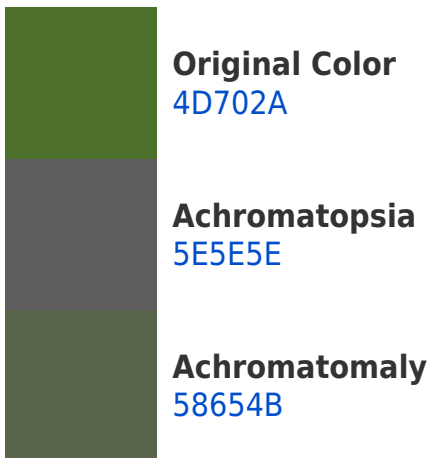


**Tritanopia**  
576971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D702A 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 #4D702A looks like.

```
.text, #text, p{  
    color:#4D702A  
}
```

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 #4D702A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D702A
}
```

## Border

The CSS property to change the border of an element to Hex 4D702A 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
#4D702A }
```

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

```
.border{ border-color:#4D702A }
```

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

Here you see how a box with a 4 pixel #4D702A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D702A; -webkit-box-shadow:4px 4px  
4px 4px #4D702A; box-shadow:4px 4px 4px  
4px #4D702A }
```

# Background

The CSS property to change the background color of an element to Hex 4D702A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D702A }
```

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

```
.background{ background-color:#4D702A }
```

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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