

# Converting Colors

Hex(4D462B)

Have a look what the booklet for  
Hex(4D462B) contains.

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# Color

**Hex(4D462B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D462B
RGB	77, 70, 43
RGB Percent	30%, 27%, 17%
CMY	0.6980, 0.7255, 0.8314
CMYK	0.00, 0.09, 0.44, 0.70
HSL	48°, 28%, 24%
HSV	48°, 44%, 30%
XYZ	5.6868, 6.1325, 3.1695
YIQ	69.0150, 12.8390, -6.9130

# Conversions

## Conversions Part 2

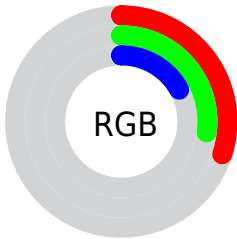
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 77, 43
Decimal	5064235
CIELab	29.74, -1.61, 17.35
CIELCh	30, 17.421, 95.317
Yxy	6.1325, 0.3794, 0.4091
Android (android.graphics.Color)	4283254315 (0xFF4D462B)
YUV	69.0150, -12.8254, 7.0028
Hunter-Lab	24.7639, -2.3462, 9.7464




# Details

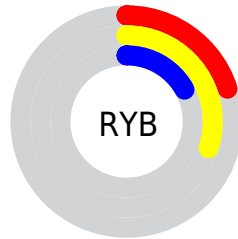
The Hex color **4D462B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2B324D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7F7659**, and **211B00** is the 20% darker color. If you saturate the color by 10%, you get **4D4423**, and if you desaturate by 10%, it is **4D4833**.

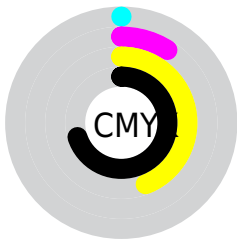
# Distribution







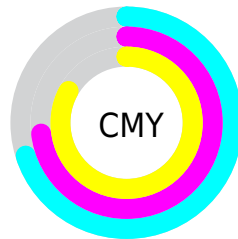
-  Red (30%)
-  Green (27%)
-  Blue (17%)






-  Red (20%)
-  Yellow (30%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (9%)
-  Yellow (44%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (73%)
-  Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D462B 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 4D462B by changing the saturation by 10% instead.





4D462B



4D462B

FFFFFF



363016



7F7659



211B00



999071



000000



B4AA8B



D0C5A5



ECE1C1



FFFEDD



FFFFFF9



4D462B



4D462B

■ 4D4423

■ 4D4833

■ 4D431C

■ 4D493A

■ 4D4114

■ 4D4B42

■ 4D400C

■ 4D4C4A

■ 4D3E05

■ 4D4E52

■ 4D3D00

■ 4D5059

■ 4D5161

■ 4D5369

■ 4D5470

# Harmonies

## Analogous

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



59412E



4D462B



3E4A30

# Triad

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



4D462B



184D55



593E52

# Complementary

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



4D462B



2B324D

# 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.



4B425C



4D462B



234A5E

# Square

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



4D462B



1F4D48



374761



603C44

# Rectangle

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



4D462B



344C36



374761



553F56



# Sweetspot

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



4D462B



636157



4D2B32



33312B



B3B3B3



333333



# Same Dimension

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



4D462B



63592F



434D2B



262522



665100



E6B600



# Inverse Universe

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



2B324D



2F3A63



352B4D



222326



001566



002FE6



# Previews

## White Background



This preview shows how the Hex color 4D462B looks on a white background.

## Color Contrast Check

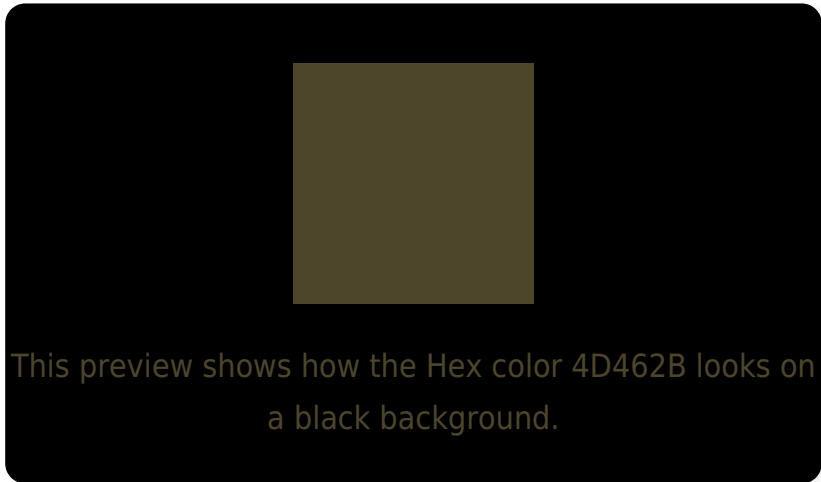
Large Text (above 18pt) WCAG AA ✓ Pass

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

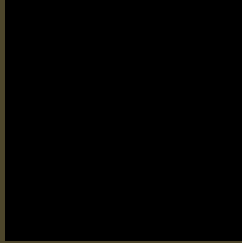
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

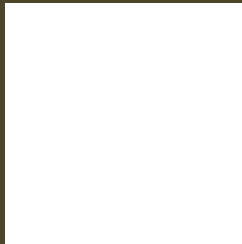
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D462B Background



This preview shows how black text looks on a background with the Hex color 4D462B.

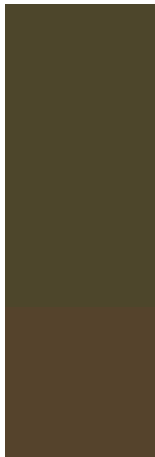


This preview shows how white text looks on a background with the Hex color 4D462B.

# 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**  
4D462B

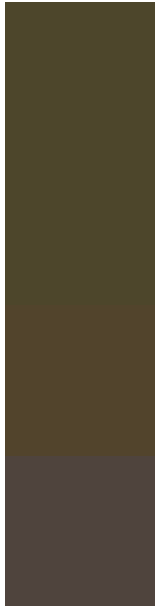
**Protanopia**  
4D462B

**Deuteranopia**  
55432C



**Tritanopia**  
504348

# Trichromacy



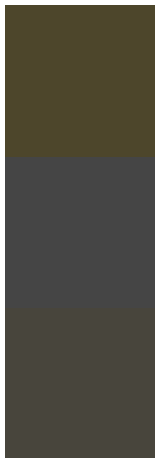
**Original Color**  
4D462B

**Protanomaly**  
4D462B

**Deuteranomaly**  
52442C

**Tritanomaly**  
4F443D

# Monochromacy



**Original Color**  
4D462B

**Achromatopsia**  
454545

**Achromatomaly**  
48453C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D462B 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 #4D462B looks like.

```
.text, #text, p{  
    color:#4D462B  
}
```

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 #4D462B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D462B  
}
```

## Border

The CSS property to change the border of an element to Hex 4D462B is called "border". The border property can be set on classes, ids or directly on the HTML element.

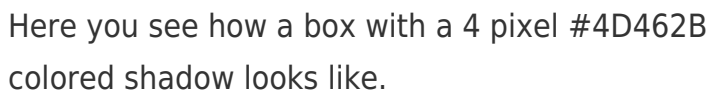
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D462B }
```

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

```
.border{ border-color:#4D462B }
```

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



Here you see how a box with a 4 pixel #4D462B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D462B; -webkit-box-shadow:4px 4px  
4px 4px #4D462B; box-shadow:4px 4px 4px  
4px #4D462B }
```

# Background

The CSS property to change the background color of an element to Hex 4D462B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D462B }
```

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

```
.background{ background-color:#4D462B }
```

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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