

# Converting Colors

Hex(4D423B)

Have a look what the booklet for  
Hex(4D423B) contains.

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# Color

Hex(4D423B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D423B
RGB	77, 66, 59
RGB Percent	30%, 26%, 23%
CMY	0.6980, 0.7412, 0.7686
CMYK	0.00, 0.14, 0.23, 0.70
HSL	23°, 13%, 27%
HSV	23°, 23%, 30%
XYZ	5.7982, 5.7900, 4.9497
YIQ	68.4910, 8.8030, 0.1550

# Conversions

## Conversions Part 2

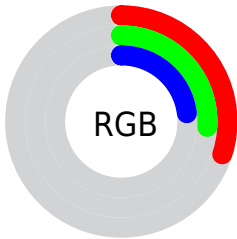
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 70, 59
Decimal	5063227
CIE Lab	28.88, 3.40, 5.99
CIE LCh	29, 6.890, 60.464
Yxy	5.7900, 0.3506, 0.3501
Android (android.graphics.Color)	4283253307 (0xFF4D423B)
YUV	68.4910, -4.6791, 7.4624
Hunter-Lab	24.0624, 0.9032, 4.6477




# Details

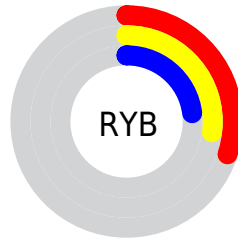
The Hex color **4D423B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B464D**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **7E726A**, and **211711** is the 20% darker color. If you saturate the color by 10%, you get **4D3D33**, and if you desaturate by 10%, it is **4D4743**.

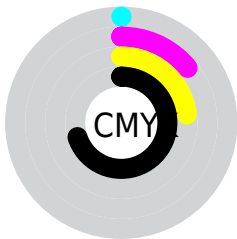
# Distribution







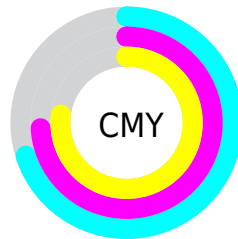
-  Red (30%)
-  Green (26%)
-  Blue (23%)






-  Red (30%)
-  Yellow (27%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (14%)
-  Yellow (23%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (74%)
-  Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D423B 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 4D423B by changing the saturation by 10% instead.





4D423B



4D423B

FFFFFF



362C25



7E726A



211711



988B83



000000



B3A69D



CFC1B8



EBDDDD



FFF9F0



4D423B



4D423B



4D3D33



4D4743

■ 4D392C

■ 4D4B4A

■ 4D3424

■ 4D5052

■ 4D2F1C

■ 4D555A

■ 4D2A15

■ 4D5A62

■ 4D260D

■ 4D5E69

■ 4D2105

■ 4D6371

■ 4D1E00

■ 4D6879

■ 4D6C80

# Harmonies

## Analogous

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



4F413F



4D423B



48443A

# Triad

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



4D423B



384744



45434D

# Complementary

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



4D423B



3B464D

# 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.



3E444F



4D423B



364749

# Square

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



4D423B



3C473F



39464D



4B4149

# Rectangle

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



4D423B



44453A



39464D



43434E



# Sweetspot

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



4D423B



635F5C



4D3B46



33312F



B3B3B3



333333



# Same Dimension

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



4D423B



635248



4D4B3B



262422



662800



E65900



# Inverse Universe

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



3B464D



485963



3B3D4D



222526



003E66

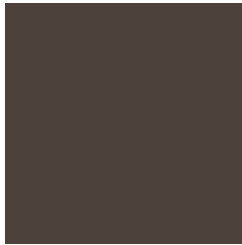


008CE6



# Previews

## White Background



This preview shows how the Hex color 4D423B 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

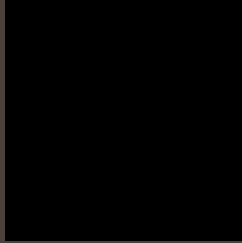
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D423B Background



This preview shows how black text looks on a background with the Hex color 4D423B.



This preview shows how white text looks on a background with the Hex color 4D423B.

# 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**  
4D423B

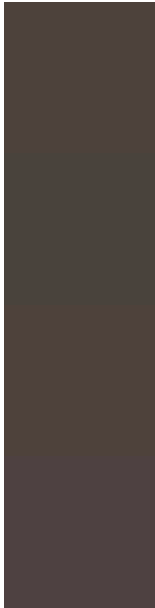
**Protanopia**  
47443C

**Deuteranopia**  
4E423B



**Tritanopia**  
4E4045

# Trichromacy



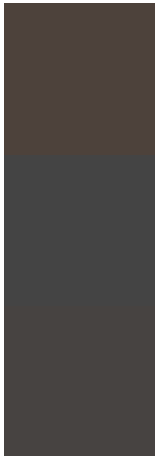
**Original Color**  
4D423B

**Protanomaly**  
49433C

**Deuteranomaly**  
4E423B

**Tritanomaly**  
4E4141

# Monochromacy



**Original Color**  
4D423B

**Achromatopsia**  
444444

**Achromatomaly**  
474341

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D423B 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 #4D423B looks like.

```
.text, #text, p{  
    color:#4D423B  
}
```

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 #4D423B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D423B
}
```

## Border

The CSS property to change the border of an element to Hex 4D423B is called "border". The border property can be set on classes, ids or directly on the HTML element.

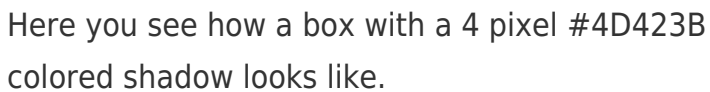
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D423B }
```

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

```
.border{ border-color:#4D423B }
```

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



Here you see how a box with a 4 pixel #4D423B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D423B; -webkit-box-shadow:4px 4px  
4px 4px #4D423B; box-shadow:4px 4px 4px  
4px #4D423B }
```

# Background

The CSS property to change the background color of an element to Hex 4D423B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D423B }
```

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

```
.background{ background-color:#4D423B }
```

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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