

# Converting Colors

Hex(41423B)

Have a look what the booklet for  
Hex(41423B) contains.

<b>Hex(41423B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(41423B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	41423B
RGB	65, 66, 59
RGB Percent	25%, 26%, 23%
CMY	0.7451, 0.7412, 0.7686
CMYK	0.02, 0.00, 0.11, 0.74
HSL	69°, 6%, 25%
HSV	69°, 11%, 26%
XYZ	4.9176, 5.3360, 4.9084
YIQ	64.9030, 1.6510, -2.3890

# Conversions

## Conversions Part 2

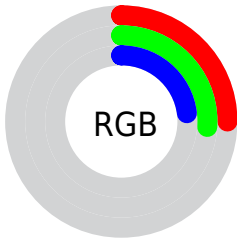
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 66, 60
Decimal	4276795
CIE <sub>Lab</sub>	27.67, -1.93, 4.12
CIE <sub>LCh</sub>	28, 4.544, 115.083
Yxy	5.3360, 0.3243, 0.3519
Android (android.graphics.Color)	4282466875 (0xFF41423B)
YUV	64.9030, -2.9102, 0.0851
Hunter-Lab	23.0998, -2.4247, 3.5714

# Details

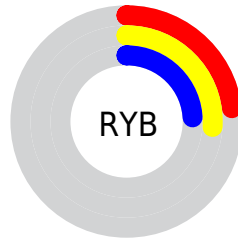
The Hex color **41423B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3B42**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **71726A**, and **171711** is the 20% darker color. If you saturate the color by 10%, you get **404234**, and if you desaturate by 10%, it is **424242**.

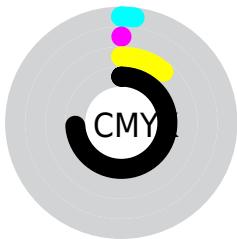
# Distribution



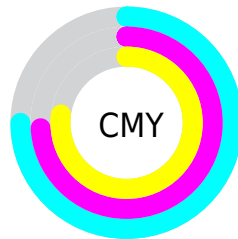
- Red (25%)
- Green (26%)
- Blue (23%)



- Red (23%)
- Yellow (26%)
- Blue (24%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (74%)



- Cyan (75%)
- Magenta (74%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41423B 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 41423B by changing the saturation by 10% instead.





41423B



41423B

FFFFFF



2B2C25



71726A



171711



8A8B83



000000



A5A69D



C0C1B8



DBDDD4



F8F9F0



41423B



41423B



404234



424242

■ 3F422E

■ 434248

■ 3E4227

■ 44424F

■ 3D4221

■ 454255

■ 3C421A

■ 46425C

■ 3B4213

■ 474263

■ 3A420D

■ 484269

■ 394206

■ 494270

■ 394200

■ 494276

# Harmonies

## Analogous

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



45413A



41423B



3D433D

# Triad

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



41423B



3A4347



483F42

# Complementary

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



41423B



3C3B42

# 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.



454045



41423B



3D4248

# Square

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



41423B



394344



414148



493F3F

# Rectangle

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



41423B



3B433F



414148



473F43



# Sweetspot

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



41423B



565754



423C3B



2B2B2A



ABABAB



2B2B2B



# Same Dimension

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



41423B



55574B



3E423B



21211E



536100



C0E000



# Inverse Universe

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



3C3B42



4D4B57



3F3B42



1E1E21



0E0061

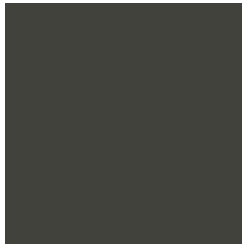


2000E0



# Previews

## White Background



This preview shows how the Hex color 41423B looks on a white background.

## Color Contrast Check

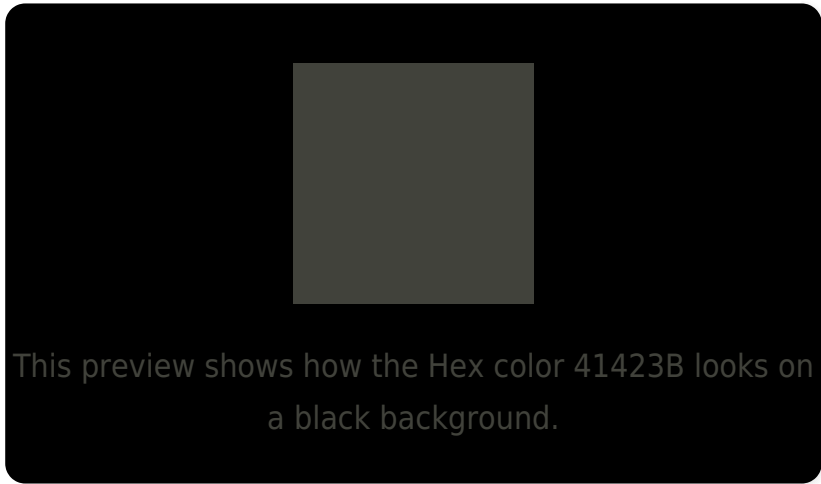
Large Text (above 18pt) WCAG AA ✓ Pass

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

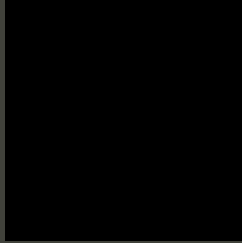
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

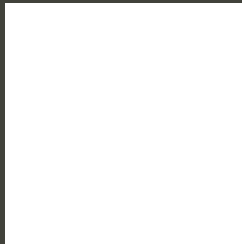
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41423B Background



This preview shows how black text looks on a background with the Hex color 41423B.



This preview shows how white text looks on a background with the Hex color 41423B.

# 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**

41423B

**Protanopia**

44413B

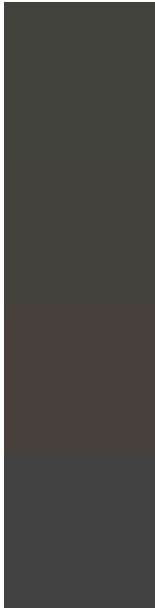
**Deuteranopia**

4A3F3C



**Tritanopia**  
434046

# Trichromacy



**Original Color**

41423B

**Protanomaly**

43413B

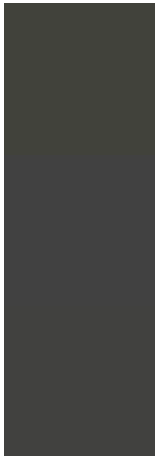
**Deuteranomaly**

47403C

**Tritanomaly**

424142

# Monochromacy



**Original Color**

41423B

**Achromatopsia**

414141

**Achromatomaly**

41413F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41423B 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 #41423B looks like.

```
.text, #text, p{  
    color:#41423B  
}
```

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 #41423B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41423B
}
```

## Border

The CSS property to change the border of an element to Hex 41423B is called "border". The border property can be set on classes, ids or directly on the HTML element.

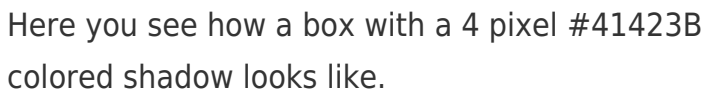
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41423B }
```

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

```
.border{ border-color:#41423B }
```

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



Here you see how a box with a 4 pixel #41423B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41423B; -webkit-box-shadow:4px 4px  
4px 4px #41423B; box-shadow:4px 4px 4px  
4px #41423B }
```

# Background

The CSS property to change the background color of an element to Hex 41423B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41423B }
```

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

```
.background{ background-color:#41423B }
```

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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