

Converting Colors

Hex(42423B)

Have a look what the booklet for
Hex(42423B) contains.

Hex(42423B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(42423B)

Conversions

Conversions Part 1

Format	Color
Hex	42423B
RGB	66, 66, 59
RGB Percent	26%, 26%, 23%
CMY	0.7412, 0.7412, 0.7686
CMYK	0.00, 0.00, 0.11, 0.74
HSL	60°, 6%, 25%
HSV	60°, 11%, 26%
XYZ	4.9844, 5.3704, 4.9116
YIQ	65.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

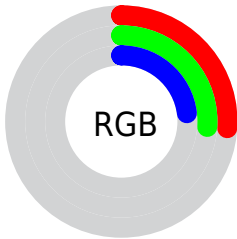
Format	Color
R _Y B	59, 66, 59
Decimal	4342331
CIE Lab	27.77, -1.49, 4.26
CIE LCh	28, 4.515, 109.277
Yxy	5.3704, 0.3265, 0.3518
Android (android.graphics.Color)	4282532411 (0xFF42423B)
YUV	65.2020, -3.0576, 0.6998
Hunter-Lab	23.1742, -2.1624, 3.6560

Details

The Hex color **42423B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3B42**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **72726A**, and **181711** is the 20% darker color. If you saturate the color by 10%, you get **424234**, and if you desaturate by 10%, it is **424242**.

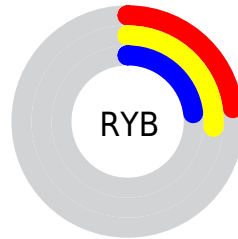
Distribution



Red (26%)

Green (26%)

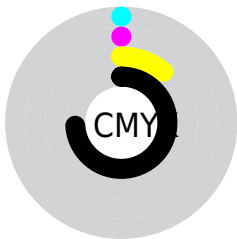
Blue (23%)



Red (23%)

Yellow (26%)

Blue (23%)

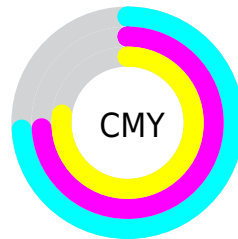


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (74%)



Cyan (74%)

Magenta (74%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42423B 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 42423B by changing the saturation by 10% instead.



42423B



42423B

FFFFFF



2C2C25



72726A



181711



8B8B83



000000



A6A69D



C1C1B8



DDDDD4



F9F9F0



42423B



42423B



424234



424242

■ 42422E

■ 424248

■ 424227

■ 42424F

■ 424221

■ 424255

■ 42421A

■ 42425C

■ 424213

■ 424263

■ 42420D

■ 424269

■ 424206

■ 424270

■ 424200

■ 424276

Harmonies

Analogous

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



46413B



42423B



3E433D

Triad

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



42423B



3A4347



483F43

Complementary

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



42423B



3B3B42

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.



454046



42423B



3D4248

Square

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



42423B



394444



414148



493F3F

Rectangle

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



42423B



3C433F



414148



473F44

Sweetspot

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



42423B



575754



423B3B



2B2B2A



ABABAB



2B2B2B

Same Dimension

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



42423B



57574B



3F423B



21211E



616100



E0E000

Inverse Universe

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



3B3B42



4B4B57



3F3B42



1E1E21



000061



0000E0

Previews

White Background



This preview shows how the Hex color 42423B looks on a white background.

Color Contrast Check

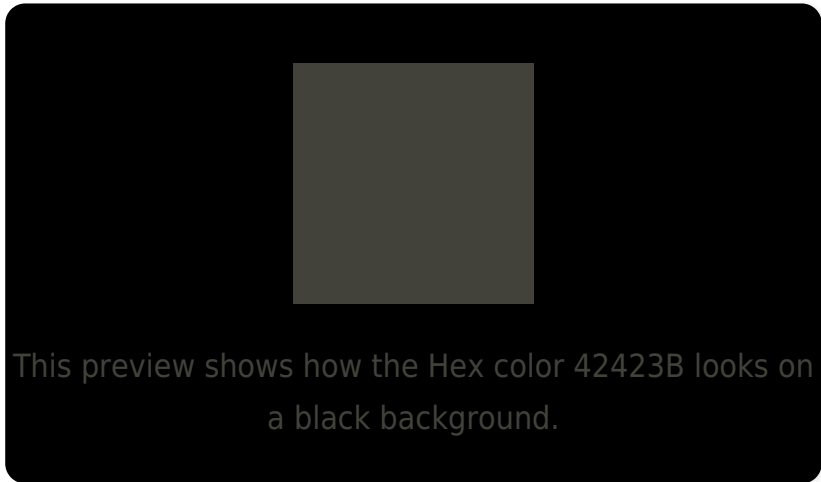
Large Text (above 18pt) WCAG AA ✓ Pass

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

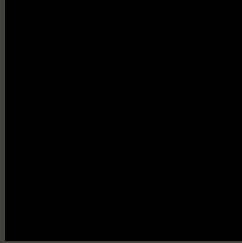
Any Text WCAG AA × Fail

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 42423B Background



This preview shows how black text looks on a background with the Hex color 42423B.



This preview shows how white text looks on a background with the Hex color 42423B.

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
42423B

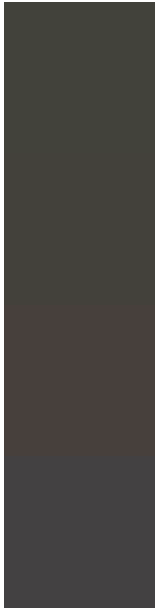
Protanopia
44413B

Deuteranopia
4A3F3C



Tritanopia
444046

Trichromacy



Original Color

42423B

Protanomaly

43413B

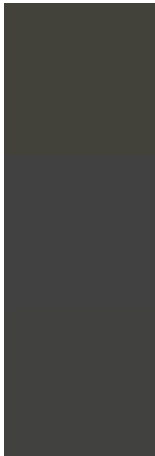
Deuteranomaly

47403C

Tritanomaly

434142

Monochromacy



Original Color

42423B

Achromatopsia

414141

Achromatomaly

41413F

CSS Examples

Text

The CSS property to change the color of the text to Hex 42423B 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 #42423B looks like.

```
.text, #text, p{  
    color:#42423B  
}
```

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 #42423B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42423B
}
```

Border

The CSS property to change the border of an element to Hex 42423B is called "border". The border property can be set on classes, ids or directly on the HTML element.

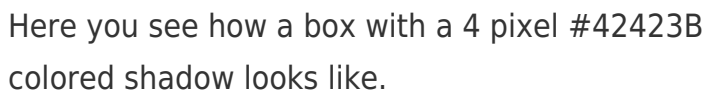
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42423B }
```

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

```
.border{ border-color:#42423B }
```

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



Here you see how a box with a 4 pixel #42423B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42423B; -webkit-box-shadow:4px 4px  
4px 4px #42423B; box-shadow:4px 4px 4px  
4px #42423B }
```

Background

The CSS property to change the background color of an element to Hex 42423B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42423B }
```

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

```
.background{ background-color:#42423B }
```

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