

# Converting Colors

Hex(42423D)

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

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# Color

Hex(42423D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	42423D
RGB	66, 66, 61
RGB Percent	26%, 26%, 24%
CMY	0.7412, 0.7412, 0.7608
CMYK	0.00, 0.00, 0.08, 0.74
HSL	60°, 4%, 25%
HSV	60°, 8%, 26%
XYZ	5.0373, 5.3916, 5.1901
YIQ	65.4300, 1.6050, -1.5550

# Conversions

## Conversions Part 2

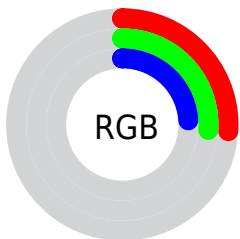
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 66, 61
Decimal	4342333
CIELab	27.82, -1.08, 3.04
CIElCh	28, 3.226, 109.532
Yxy	5.3916, 0.3225, 0.3452
Android (android.graphics.Color)	4282532413 (0xFF42423D)
YUV	65.4300, -2.1840, 0.4999
Hunter-Lab	23.2198, -1.9111, 3.0014

# Details

The Hex color **42423D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3D42**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **72726C**, and **181713** is the 20% darker color. If you saturate the color by 10%, you get **424236**, and if you desaturate by 10%, it is **424244**.

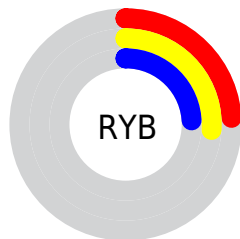
# Distribution



Red (26%)

Green (26%)

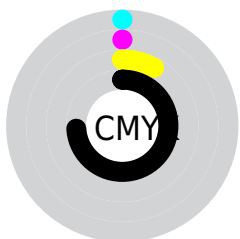
Blue (24%)



Red (24%)

Yellow (26%)

Blue (24%)

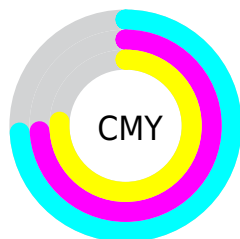


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (74%)



Cyan (74%)

Magenta (74%)

Yellow (76%)

# Brightness & Saturation Gradients

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





42423D



42423D

FFFFFF



2C2C27



72726C



181713



8B8B86



000000



A6A6A0



C1C1BB



DDDDD6



F9F9F3



42423D



42423D



424236



424244

■ 424230

■ 42424A

■ 424229

■ 424251

■ 424223

■ 424257

■ 42421C

■ 42425E

■ 424215

■ 424265

■ 42420F

■ 42426B

■ 424208

■ 424272

■ 424202

■ 424278

# Harmonies

## Analogous

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



45413D



42423D



3F433E

# Triad

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



42423D



3C4345



464043

# Complementary

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



42423D



3D3D42

# 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.



444145



42423D



3E4246

# Square

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



42423D



3C4343



414146



474040

# Rectangle

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



42423D



3D4340



414146



464043



# Sweetspot

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



42423D



575755



423D3D



2B2B2A



ABABAB



2B2B2B



# Same Dimension

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



42423D



57574F



40423D



21211E



616100



E0E000



# Inverse Universe

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



3D3D42



4F4F57



403D42



1E1E21



000061

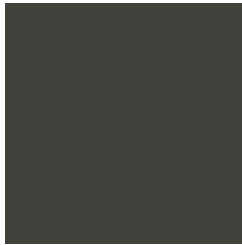


0000E0



# Previews

## White Background



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

## Color Contrast Check

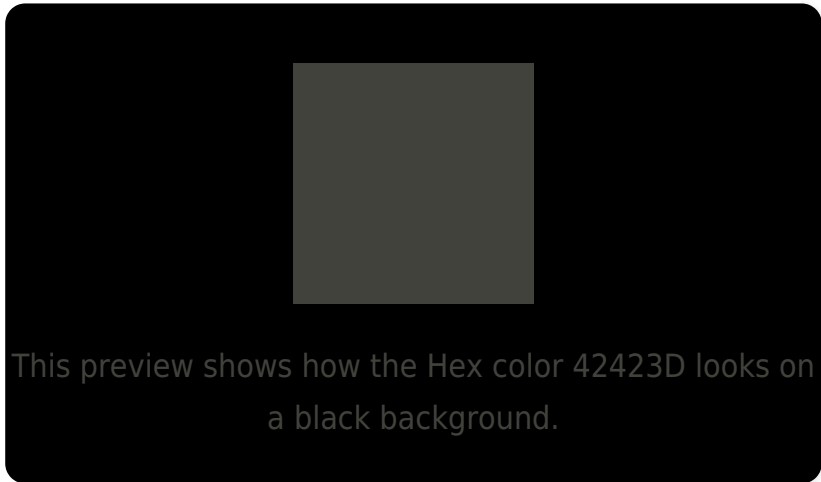
Large Text (above 18pt) WCAG AA ✓ Pass

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

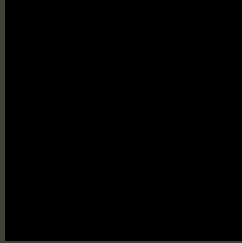
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 42423D Background



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



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

# 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**


42423D

**Protanopia**

44413D

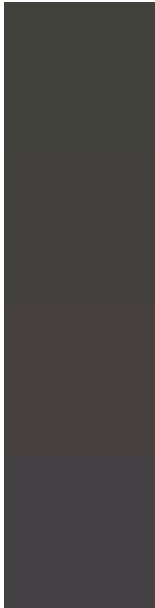
**Deuteranopia**

493F3E



**Tritanopia**  
434146

# Trichromacy



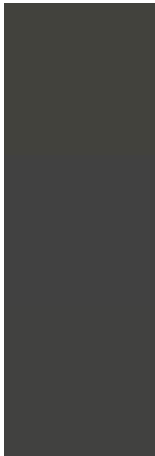
**Original Color**  
42423D

**Protanomaly**  
43413D

**Deuteranomaly**  
46403E

**Tritanomaly**  
434143

# Monochromacy



**Original Color**  
42423D

**Achromatopsia**  
414141

**Achromatomaly**  
414140

# CSS Examples

## Text

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

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

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 #42423D colored shadow looks like.

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

## Border

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

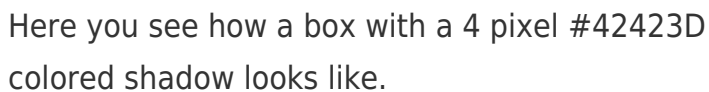
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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