

Converting Colors

Hex(42413E)

Have a look what the booklet for
Hex(42413E) contains.

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Color

Hex(42413E)

Conversions

Conversions Part 1

Format	Color
Hex	42413E
RGB	66, 65, 62
RGB Percent	26%, 25%, 24%
CMY	0.7412, 0.7451, 0.7569
CMYK	0.00, 0.02, 0.06, 0.74
HSL	45°, 3%, 25%
HSV	45°, 6%, 26%
XYZ	5.0066, 5.2866, 5.3140
YIQ	64.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

Format	Color
RYB	63, 66, 62
Decimal	4342078
CIELab	27.54, -0.23, 1.97
CIELCh	28, 1.987, 96.567
Yxy	5.2866, 0.3208, 0.3387
Android (android.graphics.Color)	4282532158 (0xFF42413E)
YUV	64.9570, -1.4578, 0.9147
Hunter-Lab	22.9927, -1.3696, 2.3920

Details

The Hex color **42413E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E3F42**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **72716D**, and **181714** is the 20% darker color. If you saturate the color by 10%, you get **423F37**, and if you desaturate by 10%, it is **424345**.

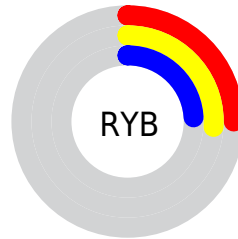
Distribution



Red (26%)

Green (25%)

Blue (24%)



Red (25%)

Yellow (26%)

Blue (24%)



Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (74%)



Cyan (74%)

Magenta (75%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42413E 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 42413E by changing the saturation by 10% instead.



42413E



42413E

FFFFFF



2C2B28



72716D



181714



8B8A87



000000



A6A4A1



C1C0BC



DDDBD8



F9F8F4



42413E



42413E



423F37



424345

■ 423E31

■ 42444B

■ 423C2A

■ 424652

■ 423A24

■ 424858

■ 42391D

■ 42495F

■ 423716

■ 424B66

■ 423510

■ 424D6C

■ 423409

■ 424E73

■ 423203

■ 425079

Harmonies

Analogous

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



44413E



42413E



40413F

Triad

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



42413E



3D4243



434042

Complementary

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



42413E



3E3F42

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.



424143



42413E



3E4144

Square

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



42413E



3E4241



404144



444041

Rectangle

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



42413E



3F423F



404144



434043

Sweetspot

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



42413E



575655



423E3F



2B2B2A



ABABAB



2B2B2B

Same Dimension

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



42413E



575551



41423E



21201E



614900



E0A800

Inverse Universe

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



3E3F42



515257



3F3E42



1E1F21



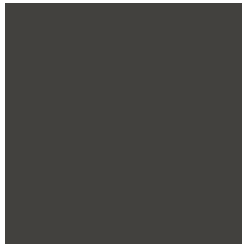
001861



0038E0

Previews

White Background



This preview shows how the Hex color 42413E looks on a white background.

Color Contrast Check

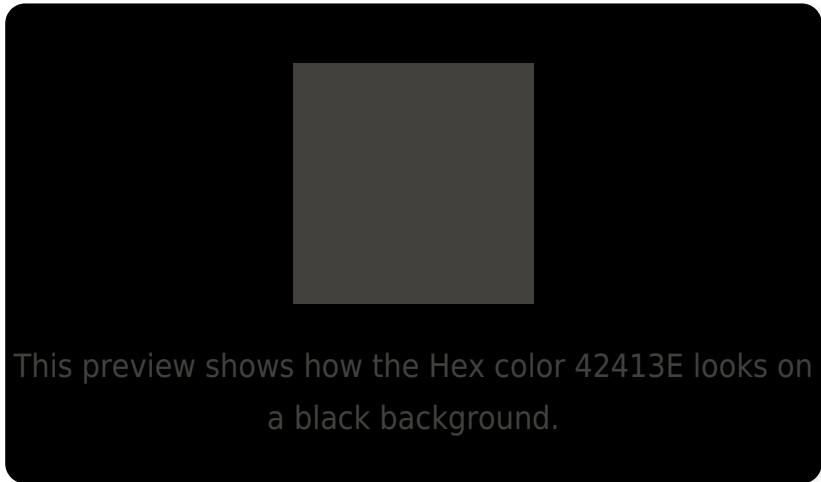
Large Text (above 18pt) WCAG AA ✓ Pass

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

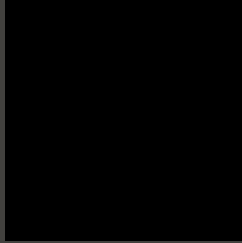
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

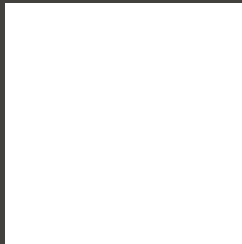
Any Text WCAG AAA × Fail

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

Hex 42413E Background



This preview shows how black text looks on a background with the Hex color 42413E.



This preview shows how white text looks on a background with the Hex color 42413E.

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
42413E

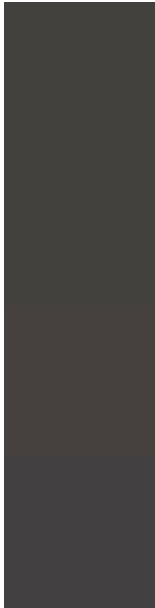
Protanopia
43413E

Deuteranopia
483F3E



Tritanopia
434045

Trichromacy



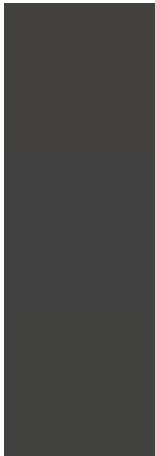
Original Color
42413E

Protanomaly
43413E

Deuteranomaly
46403E

Tritanomaly
434042

Monochromacy



Original Color
42413E

Achromatopsia
414141

Achromatomaly
414140

CSS Examples

Text

The CSS property to change the color of the text to Hex 42413E 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 #42413E looks like.

```
.text, #text, p{  
    color:#42413E  
}
```

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 #42413E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42413E
}
```

Border

The CSS property to change the border of an element to Hex 42413E is called "border". The border property can be set on classes, ids or directly on the HTML element.

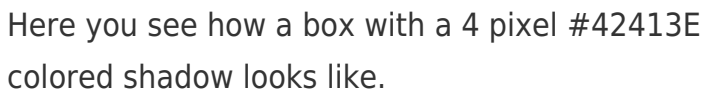
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42413E }
```

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

```
.border{ border-color:#42413E }
```

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



Here you see how a box with a 4 pixel #42413E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42413E; -webkit-box-shadow:4px 4px  
4px 4px #42413E; box-shadow:4px 4px 4px  
4px #42413E }
```

Background

The CSS property to change the background color of an element to Hex 42413E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42413E }
```

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

```
.background{ background-color:#42413E }
```

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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