

Converting Colors

Hex(413E4A)

Have a look what the booklet for
Hex(413E4A) contains.

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Color

Hex(413E4A)

Conversions

Conversions Part 1

Format	Color
Hex	413E4A
RGB	65, 62, 74
RGB Percent	25%, 24%, 29%
CMY	0.7451, 0.7569, 0.7098
CMYK	0.12, 0.16, 0.00, 0.71
HSL	255°, 9%, 27%
HSV	255°, 16%, 29%
XYZ	5.1386, 5.0635, 7.1851
YIQ	64.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

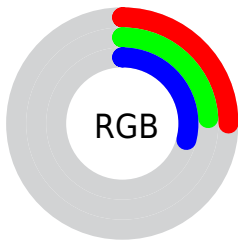
Format	Color
RYB	65, 62, 74
Decimal	4275786
CIELab	26.91, 4.09, -6.83
CIELCh	27, 7.958, 300.887
Yxy	5.0635, 0.2955, 0.2912
Android (android.graphics.Color)	4282465866 (0xFF413E4A)
YUV	64.2650, 4.7994, 0.6446
Hunter-Lab	22.5022, 1.3837, -3.1801

Details

The Hex color **413E4A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **474A3E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **716D7B**, and **16141E** is the 20% darker color. If you saturate the color by 10%, you get **3B374A**, and if you desaturate by 10%, it is **47454A**.

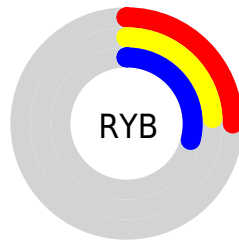
Distribution



Red (25%)

Green (24%)

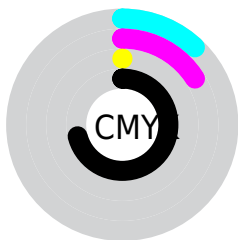
Blue (29%)



Red (25%)

Yellow (24%)

Blue (29%)

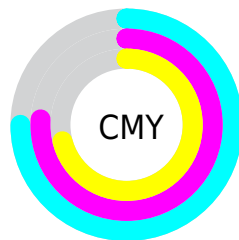


Cyan (12%)

Magenta (16%)

Yellow (0%)

Black (71%)



Cyan (75%)

Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413E4A 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 413E4A by changing the saturation by 10% instead.



413E4A



413E4A

FFFFFF



2B2833



716D7B



16141E



8A8794



000004



A5A1AF



000000



C0BCCA



DCD8E7



F8F4FF



413E4A



413E4A



3B374A



47454A

■ 362F4A

■ 4C4D4A

■ 30284A

■ 52544A

■ 2B204A

■ 575C4A

■ 25194A

■ 5D634A

■ 20124A

■ 626A4A

■ 1A0A4A

■ 68724A

■ 15034A

■ 6D794A

■ 13004A

■ 73814A

Harmonies

Analogous

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



39404C



413E4A



483C46

Triad

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



413E4A



4A3D35



314340

Complementary

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



413E4A



474A3E

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.



37433A



413E4A



443F34

Square

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



413E4A



4C3C3A



3E4135



304346

Rectangle

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



413E4A



4B3C42



3E4135



33433D

Sweetspot

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



413E4A



5D5C61



3E474A



2E2E30



B0B0B0



303030

Same Dimension

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



413E4A



534E61



473E4A



232226



1A0066



3900E6

Inverse Universe

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



4A3E47



614E5C



414A3E



262225



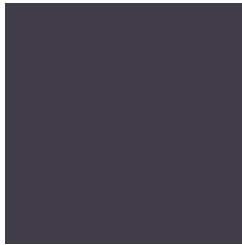
66004D



E600AC

Previews

White Background



This preview shows how the Hex color 413E4A looks on a white background.

Color Contrast Check

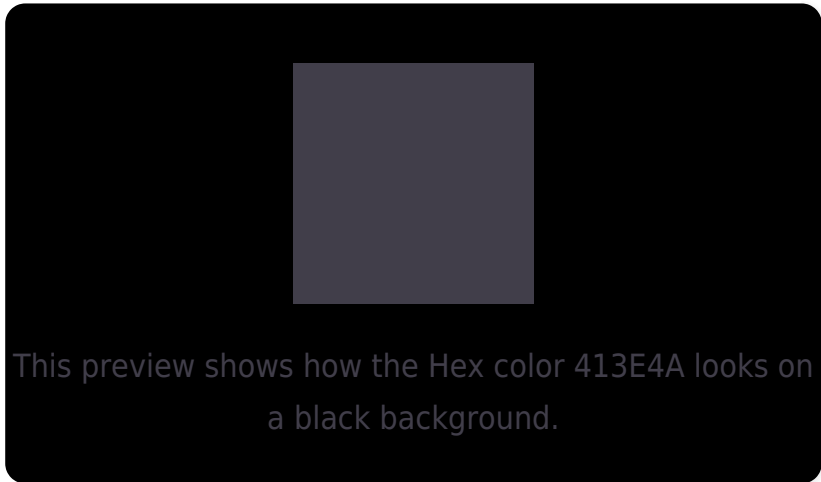
Large Text (above 18pt) WCAG AA ✓ Pass

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

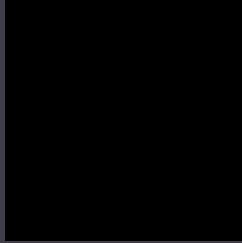
Any Text WCAG AA × Fail

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 413E4A Background



This preview shows how black text looks on a background with the Hex color 413E4A.



This preview shows how white text looks on a background with the Hex color 413E4A.

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
413E4A

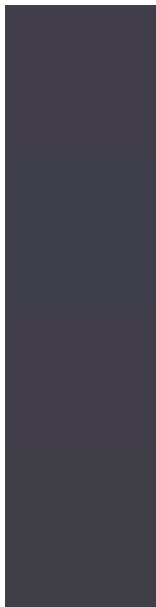
Protanopia
3D3F4B

Deuteranopia
413E4A



Tritanopia
403F44

Trichromacy



Original Color

413E4A

Protanomaly

3E3F4B

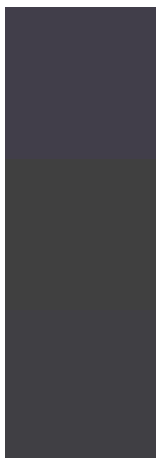
Deuteranomaly

413E4A

Tritanomaly

403F46

Monochromacy



Original Color

413E4A

Achromatopsia

404040

Achromatomaly

403F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 413E4A 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 #413E4A looks like.

```
.text, #text, p{  
    color:#413E4A  
}
```

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 #413E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413E4A
}
```

Border

The CSS property to change the border of an element to Hex 413E4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

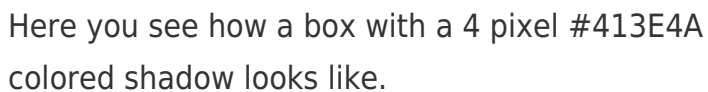
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413E4A }
```

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

```
.border{ border-color:#413E4A }
```

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



Here you see how a box with a 4 pixel #413E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413E4A; -webkit-box-shadow:4px 4px  
4px 4px #413E4A; box-shadow:4px 4px 4px  
4px #413E4A }
```

Background

The CSS property to change the background color of an element to Hex 413E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413E4A }
```

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

```
.background{ background-color:#413E4A }
```

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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