

Converting Colors

Hex(413E40)

Have a look what the booklet for
Hex(413E40) contains.

Hex(413E40)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

Hex(413E40)

Conversions

Conversions Part 1

Format	Color
Hex	413E40
RGB	65, 62, 64
RGB Percent	25%, 24%, 25%
CMY	0.7451, 0.7569, 0.7490
CMYK	0.00, 0.05, 0.02, 0.75
HSL	320°, 2%, 25%
HSV	320°, 5%, 25%
XYZ	4.8280, 4.9392, 5.5494
YIQ	63.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

Format	Color
RYB	65, 62, 64
Decimal	4275776
CIELab	26.56, 1.72, -0.77
CIELCh	27, 1.887, 335.864
Yxy	4.9392, 0.3152, 0.3225
Android (android.graphics.Color)	4282465856 (0xFF413E40)
YUV	63.1250, 0.4314, 1.6444
Hunter-Lab	22.2244, -0.1154, 0.7525

Details

The Hex color **413E40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E413F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **716D70**, and **171416** is the 20% darker color. If you saturate the color by 10%, you get **41383E**, and if you desaturate by 10%, it is **414542**.

Distribution



Red (25%)

Green (24%)

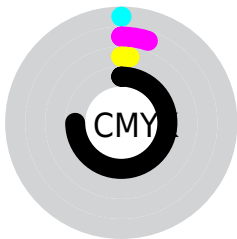
Blue (25%)



Red (25%)

Yellow (24%)

Blue (25%)



Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413E40 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 413E40 by changing the saturation by 10% instead.

■ 413E40

■ 413E40

FFFFFF

■ 2B282A

■ 716D70

■ 171416

■ 8A8789

■ 000000

■ A4A1A3

■ C0BCBE

■ DBD8DA

■ F8F4F7

■ 413E40

■ 413E40

■ 41383E

■ 414542

■ 41313C

■ 414B44

■ 412B3A

■ 415246

■ 412437

■ 415849

■ 411E35

■ 415E4B

■ 411733

■ 41654D

■ 411031

■ 416B4F

■ 410A2F

■ 417251

■ 41042D

■ 417953

Harmonies

Analogous

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



3F3E41



413E40



423E3F

Triad

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



413E40



403F3C



3B4040

Complementary

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



413E40



3E413F

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.



3C403F



413E40



3E3F3C

Square

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



413E40



413E3C



3D403E



3C3F41

Rectangle

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



413E40



423E3E



3D403E



3B4040

Sweetspot

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



413E40



545354



3F3E41



2B2B2B



ABABAB

Same Dimension

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



413E40



544F52



413E3F



211F20



610041



E00096

Inverse Universe

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



413E40



544F52



3E4141



211F20



610041



E00096

Previews

White Background



This preview shows how the Hex color 413E40 looks on a white background.

Color Contrast Check

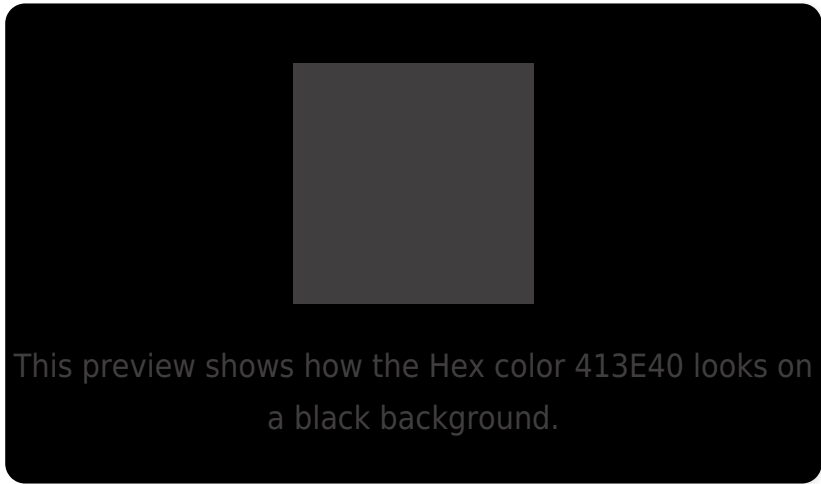
Large Text (above 18pt) WCAG AA ✓ Pass

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

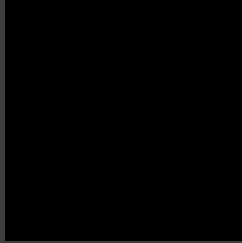
Any Text WCAG AA × Fail

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 413E40 Background



This preview shows how black text looks on a background with the Hex color 413E40.



This preview shows how white text looks on a background with the Hex color 413E40.

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
413E40

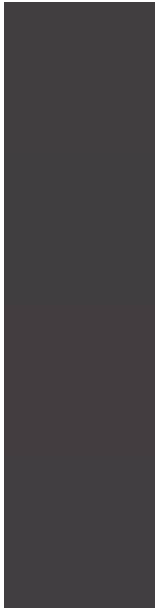
Protanopia
3F3E40

Deuteranopia
443D40



Tritanopia
413E42

Trichromacy



Original Color

413E40

Protanomaly

403E40

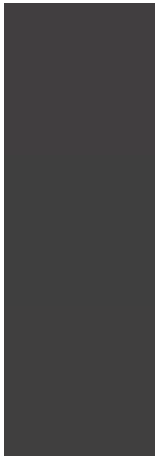
Deuteranomaly

433D40

Tritanomaly

413E41

Monochromacy



Original Color

413E40

Achromatopsia

3F3F3F

Achromatomaly

403F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 413E40 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 #413E40 looks like.

```
.text, #text, p{  
    color:#413E40  
}
```

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 #413E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413E40
}
```

Border

The CSS property to change the border of an element to Hex 413E40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

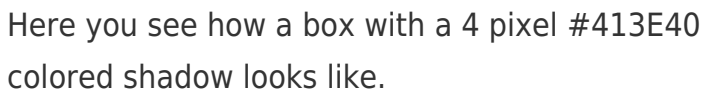
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413E40 }
```

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

```
.border{ border-color:#413E40 }
```

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



Here you see how a box with a 4 pixel #413E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413E40; -webkit-box-shadow:4px 4px  
4px 4px #413E40; box-shadow:4px 4px 4px  
4px #413E40 }
```

Background

The CSS property to change the background color of an element to Hex 413E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413E40 }
```

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

```
.background{ background-color:#413E40 }
```

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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