

Converting Colors

Hex(433D42)

Have a look what the booklet for
Hex(433D42) contains.

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Color

Hex(433D42)

Conversions

Conversions Part 1

Format	Color
Hex	433D42
RGB	67, 61, 66
RGB Percent	26%, 24%, 26%
CMY	0.7373, 0.7608, 0.7412
CMYK	0.00, 0.09, 0.01, 0.74
HSL	310°, 5%, 25%
HSV	310°, 9%, 26%
XYZ	4.9669, 4.9241, 5.8429
YIQ	63.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

Format	Color
RYB	67, 61, 66
Decimal	4406594
CIELab	26.52, 3.67, -2.13
CIELCh	27, 4.242, 329.835
Yxy	4.9241, 0.3157, 0.3130
Android (android.graphics.Color)	4282596674 (0xFF433D42)
YUV	63.3640, 1.2995, 3.1888
Hunter-Lab	22.1904, 1.1203, -0.0783

Details

The Hex color **433D42** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D433E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **736C72**, and **181317** is the 20% darker color. If you saturate the color by 10%, you get **433641**, and if you desaturate by 10%, it is **434443**.

Distribution



Red (26%)

Green (24%)

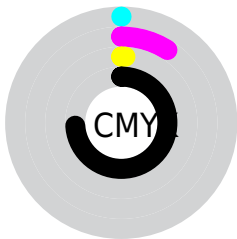
Blue (26%)



Red (26%)

Yellow (24%)

Blue (26%)

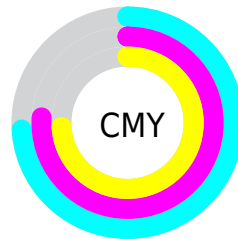


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (74%)



Cyan (74%)

Magenta (76%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 433D42 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 433D42 by changing the saturation by 10% instead.



433D42



433D42

FFFFFF



2D272C



736C72



181317



8C868B



000000



A7A0A6



C2BBC1



DED6DD



FBF3F9



433D42



433D42



433641



434443

■ 433040

■ 434A44

■ 43293F

■ 435145

■ 43223E

■ 435846

■ 431B3C

■ 435F48

■ 43153B

■ 436549

■ 430E3A

■ 436C4A

■ 430739

■ 43734B

■ 430138

■ 43794C

Harmonies

Analogous

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



3F3E44



433D42



453D3F

Triad

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



433D42



413E38



374142

Complementary

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



433D42



3D433E

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.



38413F



433D42



3E3F39

Square

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



433D42



443D39



3A403B



384044

Rectangle

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



433D42



463D3D



3A403B



374141

Sweetspot

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



433D42



575456



3E3D43



2B2A2B



ABABAB



2B2B2B

Same Dimension

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



433D42



574D55



433D3F



211E21



610051



E000BB

Inverse Universe

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



433D42



574D55



3D4341



211E21



610051



E000BB

Previews

White Background



This preview shows how the Hex color 433D42 looks on a white background.

Color Contrast Check

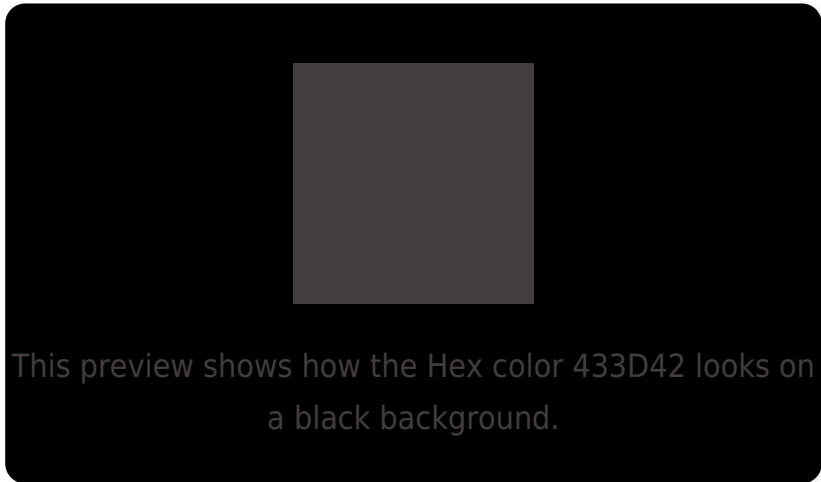
Large Text (above 18pt) WCAG AA ✓ Pass

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

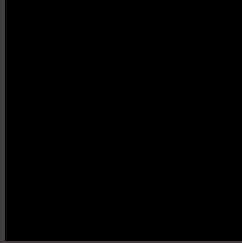
Any Text WCAG AA × Fail

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 433D42 Background



This preview shows how black text looks on a background with the Hex color 433D42.



This preview shows how white text looks on a background with the Hex color 433D42.

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
433D42

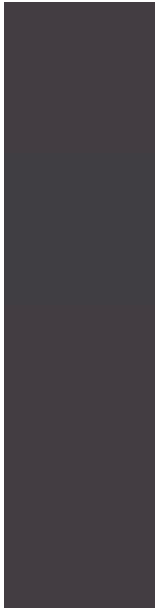
Protanopia
3F3E43

Deuteranopia
433D42



Tritanopia
433D42

Trichromacy



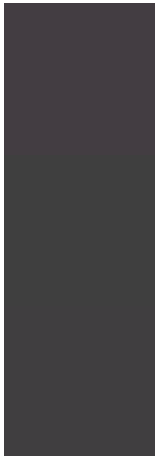
Original Color
433D42

Protanomaly
403E43

Deuteranomaly
433D42

Tritanomaly
433D42

Monochromacy



Original Color
433D42

Achromatopsia
3F3F3F

Achromatomaly
403E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 433D42 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 #433D42 looks like.

```
.text, #text, p{  
    color:#433D42  
}
```

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 #433D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433D42
}
```

Border

The CSS property to change the border of an element to Hex 433D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

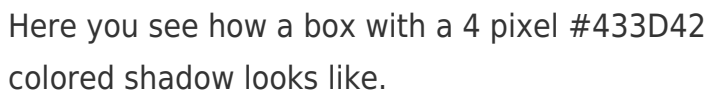
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433D42 }
```

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

```
.border{ border-color:#433D42 }
```

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



Here you see how a box with a 4 pixel #433D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433D42; -webkit-box-shadow:4px 4px  
4px 4px #433D42; box-shadow:4px 4px 4px  
4px #433D42 }
```

Background

The CSS property to change the background color of an element to Hex 433D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433D42 }
```

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

```
.background{ background-color:#433D42 }
```

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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