

Converting Colors

Hex(423A33)

Have a look what the booklet for
Hex(423A33) contains.

Hex(423A33)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(423A33)

Conversions

Conversions Part 1

Format	Color
Hex	423A33
RGB	66, 58, 51
RGB Percent	26%, 23%, 20%
CMY	0.7412, 0.7725, 0.8000
CMYK	0.00, 0.12, 0.23, 0.74
HSL	28°, 13%, 23%
HSV	28°, 23%, 26%
XYZ	4.3574, 4.4234, 3.7561
YIQ	59.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

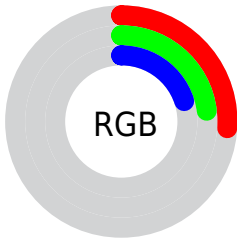
Format	Color
RYB	66, 64, 51
Decimal	4340275
CIELab	25.02, 2.12, 5.63
CIELCh	25, 6.012, 69.346
Yxy	4.4234, 0.3476, 0.3528
Android (android.graphics.Color)	4282530355 (0xFF423A33)
YUV	59.5940, -4.2368, 5.6181
Hunter-Lab	21.0318, 0.1758, 4.1336

Details

The Hex color **423A33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **333B42**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **726961**, and **180F05** is the 20% darker color. If you saturate the color by 10%, you get **42362C**, and if you desaturate by 10%, it is **423E3A**.

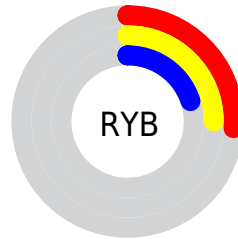
Distribution



Red (26%)

Green (23%)

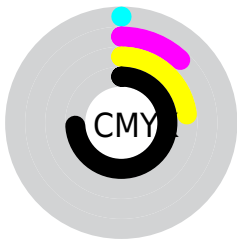
Blue (20%)



Red (26%)

Yellow (25%)

Blue (20%)

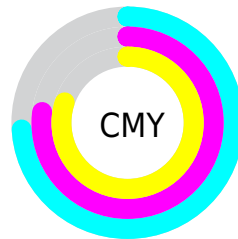


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (74%)



Cyan (74%)

Magenta (77%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 423A33 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 423A33 by changing the saturation by 10% instead.

■ 423A33

■ 423A33

FFFFFF

■ 2C241E

■ 726961

■ 180F05

■ 8C827A

■ 000000

■ A69C94

■ C1B7AE

■ DDD3CA

■ FAEFE6

■ 423A33

■ 423A33

■ 42362C

■ 423E3A

■ 423326

■ 424140

■ 422F1F

■ 424547

■ 422C19

■ 42484D

■ 422812

■ 424C54

■ 42250B

■ 424F5B

■ 422105

■ 425361

■ 421F00

■ 425668

■ 425A6E

Harmonies

Analogous

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



453936



423A33



3E3B32

Triad

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



423A33



303E3D



3E3A42

Complementary

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



423A33



333B42

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.



383B44



423A33



303E41

Square

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



423A33



343E38



333D44



43393F

Rectangle

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



423A33



3A3C33



333D44



3C3A43

Sweetspot

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



423A33



575351



42333B



2B2A28



ABABAB



2B2B2B

Same Dimension

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



423A33



574A3F



424133



211F1E



612D00



E06900

Inverse Universe

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



333B42



3F4C57



333442



1E2021



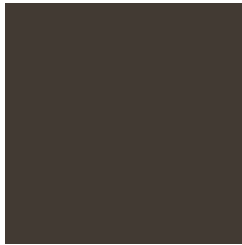
003461



0078E0

Previews

White Background



This preview shows how the Hex color 423A33 looks on a white background.

Color Contrast Check

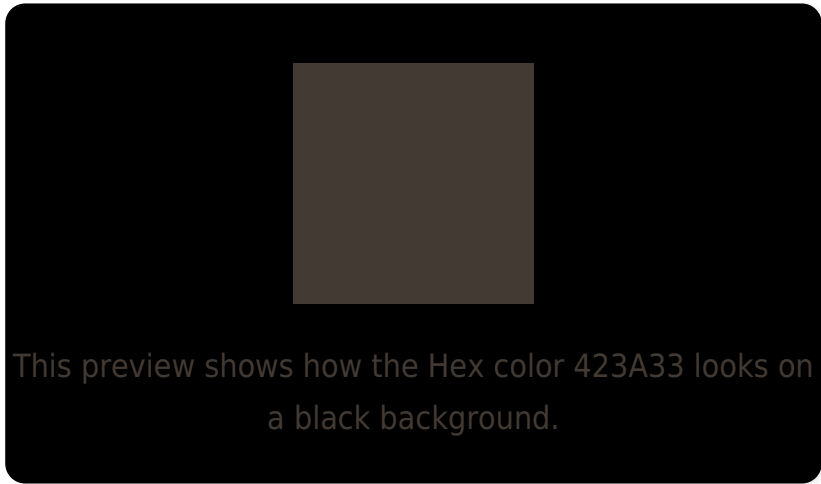
Large Text (above 18pt) WCAG AA ✓ Pass

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

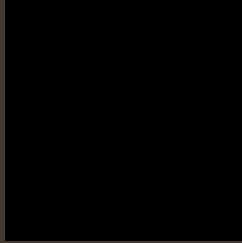
Any Text WCAG AA × Fail

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 423A33 Background



This preview shows how black text looks on a background with the Hex color 423A33.

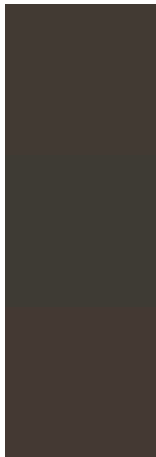


This preview shows how white text looks on a background with the Hex color 423A33.

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](#).

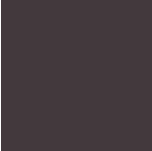
Dichromacy



Original Color
423A33

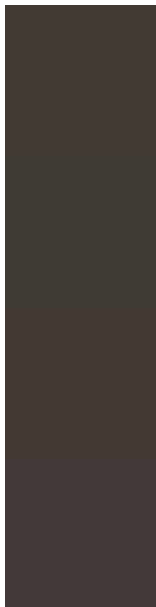
Protanopia
3E3B34

Deuteranopia
443933



Tritanopia
43393D

Trichromacy



Original Color

423A33

Protanomaly

3F3B34

Deuteranomaly

433933

Tritanomaly

433939

Monochromacy



Original Color

423A33

Achromatopsia

3C3C3C

Achromatomaly

3E3B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 423A33 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 #423A33 looks like.

```
.text, #text, p{  
    color:#423A33  
}
```

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 #423A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #423A33
}
```

Border

The CSS property to change the border of an element to Hex 423A33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

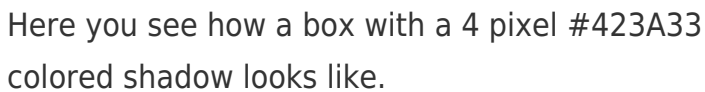
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#423A33 }
```

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

```
.border{ border-color:#423A33 }
```

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



Here you see how a box with a 4 pixel #423A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #423A33; -webkit-box-shadow:4px 4px  
4px 4px #423A33; box-shadow:4px 4px 4px  
4px #423A33 }
```

Background

The CSS property to change the background color of an element to Hex 423A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#423A33 }
```

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

```
.background{ background-color:#423A33 }
```

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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