

Converting Colors

Hex(433A3D)

Have a look what the booklet for
Hex(433A3D) contains.

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Color

Hex(433A3D)

Conversions

Conversions Part 1

Format	Color
Hex	433A3D
RGB	67, 58, 61
RGB Percent	26%, 23%, 24%
CMY	0.7373, 0.7725, 0.7608
CMYK	0.00, 0.13, 0.09, 0.74
HSL	340°, 7%, 25%
HSV	340°, 13%, 26%
XYZ	4.6701, 4.5563, 5.0482
YIQ	61.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

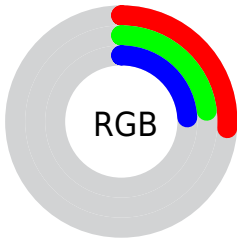
Format	Color
RYB	67, 58, 61
Decimal	4405821
CIELab	25.43, 4.55, -0.42
CIElCh	25, 4.568, 354.778
Yxy	4.5563, 0.3272, 0.3192
Android (android.graphics.Color)	4282595901 (0xFF433A3D)
YUV	61.0330, -0.0163, 5.2331
Hunter-Lab	21.3456, 1.6985, 0.9199

Details

The Hex color **433A3D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A4340**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **73696C**, and **190F13** is the 20% darker color. If you saturate the color by 10%, you get **433339**, and if you desaturate by 10%, it is **434141**.

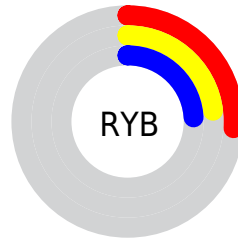
Distribution



Red (26%)

Green (23%)

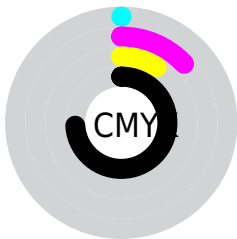
Blue (24%)



Red (26%)

Yellow (23%)

Blue (24%)

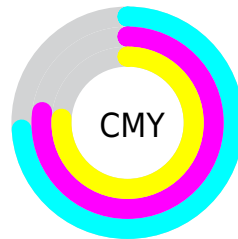


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (74%)



Cyan (74%)

Magenta (77%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 433A3D 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 433A3D by changing the saturation by 10% instead.



433A3D



433A3D

FFFFFF



2D2427



73696C



190F13



8D8286



000000



A79CA0



C2B7BB



DED3D6



FBEFF3



433A3D



433A3D



433339



434141

■ 432D34

■ 434746

■ 432630

■ 434E4A

■ 431F2B

■ 43554F

■ 431827

■ 435B53

■ 431222

■ 436258

■ 430B1E

■ 43695C

■ 430419

■ 437061

■ 430016

■ 437665

Harmonies

Analogous

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



403B40



433A3D



443A3A

Triad

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



433A3D



3C3D36



353E42

Complementary

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



433A3D



3A4340

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.



343E3F



433A3D



383E38

Square

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



433A3D



403C35



353E3C



383D43

Rectangle

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



433A3D



433A38



353E3C



343E41

Sweetspot

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



433A3D



575354



403A43



2B292A



ABABAB



2B2B2B

Same Dimension

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



433A3D



57494D



433C3A



211E1F



610020



E0004B

Inverse Universe

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



433A3D



57494D



3A4243



211E1F



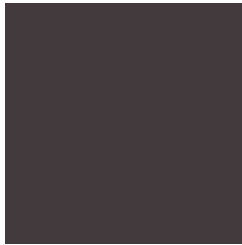
610020



E0004B

Previews

White Background



This preview shows how the Hex color 433A3D looks on a white background.

Color Contrast Check

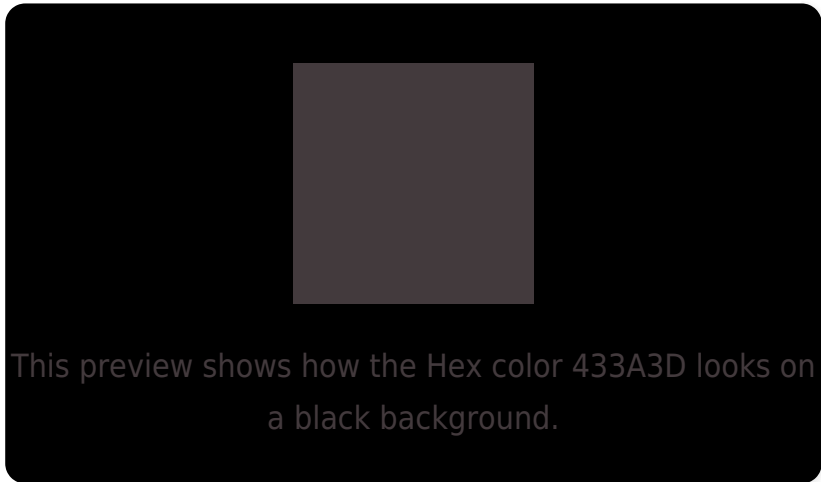
Large Text (above 18pt) WCAG AA ✓ Pass

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

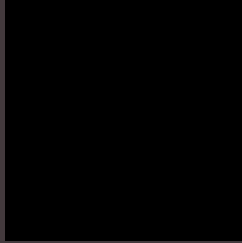
Any Text WCAG AA × Fail

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 433A3D Background



This preview shows how black text looks on a background with the Hex color 433A3D.

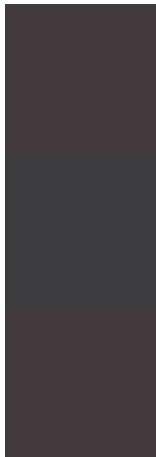


This preview shows how white text looks on a background with the Hex color 433A3D.

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
433A3D

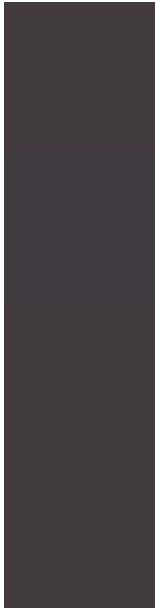
Protanopia
3D3C3E

Deuteranopia
423A3D



Tritanopia
433A3E

Trichromacy



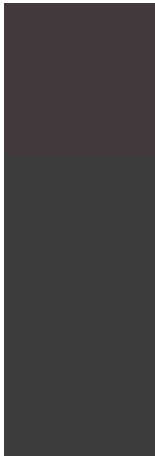
Original Color
433A3D

Protanomaly
3F3B3E

Deuteranomaly
423A3D

Tritanomaly
433A3E

Monochromacy



Original Color
433A3D

Achromatopsia
3D3D3D

Achromatomaly
3F3C3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 433A3D 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 #433A3D looks like.

```
.text, #text, p{  
    color:#433A3D  
}
```

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 #433A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433A3D
}
```

Border

The CSS property to change the border of an element to Hex 433A3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

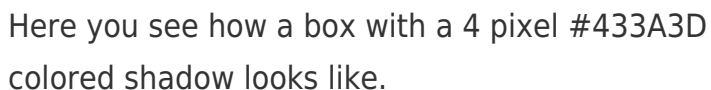
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433A3D }
```

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

```
.border{ border-color:#433A3D }
```

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



Here you see how a box with a 4 pixel #433A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433A3D; -webkit-box-shadow:4px 4px  
4px 4px #433A3D; box-shadow:4px 4px 4px  
4px #433A3D }
```

Background

The CSS property to change the background color of an element to Hex 433A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433A3D }
```

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

```
.background{ background-color:#433A3D }
```

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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