

Converting Colors

Hex(433D4F)

Have a look what the booklet for
Hex(433D4F) contains.

Hex(433D4F)	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(433D4F)

Conversions

Conversions Part 1

Format	Color
Hex	433D4F
RGB	67, 61, 79
RGB Percent	26%, 24%, 31%
CMY	0.7373, 0.7608, 0.6902
CMYK	0.15, 0.23, 0.00, 0.69
HSL	260°, 13%, 27%
HSV	260°, 23%, 31%
XYZ	5.3948, 5.0953, 8.0963
YIQ	64.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

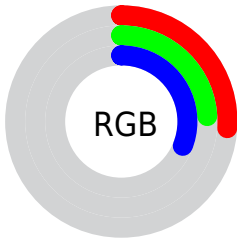
Format	Color
RYB	67, 61, 79
Decimal	4406607
CIELab	27.00, 6.79, -9.96
CIELCh	27, 12.050, 304.290
Yxy	5.0953, 0.2903, 0.2741
Android (android.graphics.Color)	4282596687 (0xFF433D4F)
YUV	64.8460, 6.9779, 1.8891
Hunter-Lab	22.5728, 3.1582, -5.4649

Details

The Hex color **433D4F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **494F3D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **736C80**, and **181323** is the 20% darker color. If you saturate the color by 10%, you get **3E354F**, and if you desaturate by 10%, it is **48454F**.

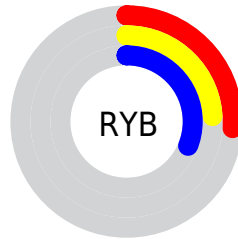
Distribution



Red (26%)

Green (24%)

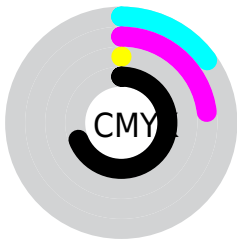
Blue (31%)



Red (26%)

Yellow (24%)

Blue (31%)

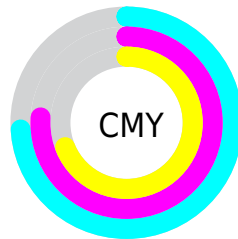


Cyan (15%)

Magenta (23%)

Yellow (0%)

Black (69%)



Cyan (74%)

Magenta (76%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 433D4F 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 433D4F by changing the saturation by 10% instead.

■ 433D4F

■ 433D4F

FFFFFF

■ 2D2738

■ 736C80

■ 181323

■ 8D869A

■ 00000C

■ A7A0B5

■ 000000

■ C2BBD1

■ DED6ED

■ FBF3FF

■ 433D4F

■ 433D4F

■ 3E354F

■ 48454F

■ 382D4F

■ 4E4D4F

■ 33254F

■ 53554F

■ 2E1D4F

■ 585D4F

■ 29164F

■ 5D654F

■ 230E4F

■ 636C4F

■ 1E064F

■ 68744F

■ 1A004F

■ 6D7C4F

■ 72844F

Harmonies

Analogous

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



364052



433D4F



4D3A48

Triad

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



433D4F



4D3D30



284541

Complementary

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



433D4F



494F3D

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.



314438



433D4F



45402D

Square

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



433D4F



523A36



3B4230



25454A

Rectangle

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



433D4F



513942



3B4230



2B453E

Sweetspot

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



433D4F



615F66



3D494F



302F33



B3B3B3



333333

Same Dimension

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



433D4F



544A66



4C3D4F



242226



220066



4C00E6

Inverse Universe

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



4F3D49



664A5D



404F3D



262225



660044



E60099

Previews

White Background



This preview shows how the Hex color 433D4F looks on a white background.

Color Contrast Check

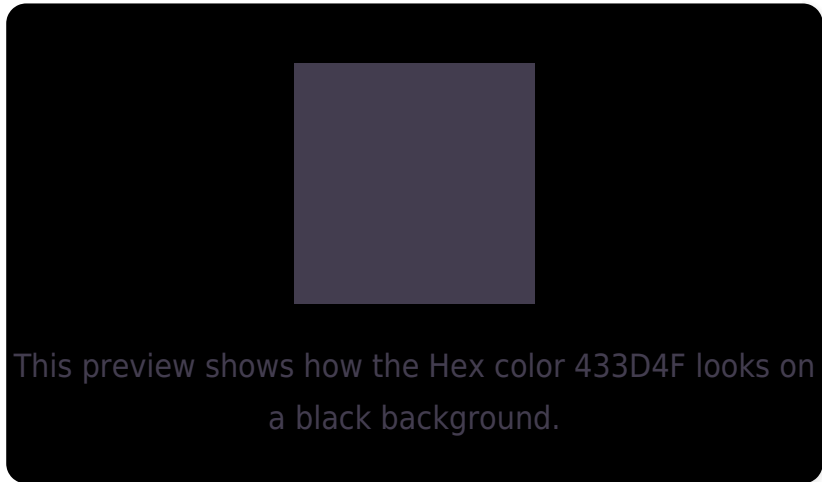
Large Text (above 18pt) WCAG AA ✓ Pass

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

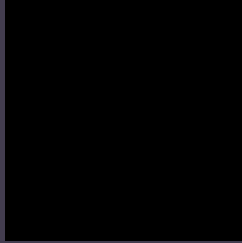
Any Text WCAG AA × Fail

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 433D4F Background



This preview shows how black text looks on a background with the Hex color 433D4F.



This preview shows how white text looks on a background with the Hex color 433D4F.

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
433D4F

Protanopia
3C3F51

Deuteranopia
3F3F4F



Tritanopia
413F44

Trichromacy



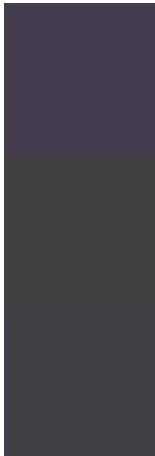
Original Color
433D4F

Protanomaly
3F3E50

Deuteranomaly
403E4F

Tritanomaly
423E48

Monochromacy



Original Color
433D4F

Achromatopsia
414141

Achromatomaly
424046

CSS Examples

Text

The CSS property to change the color of the text to Hex 433D4F 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 #433D4F looks like.

```
.text, #text, p{  
    color:#433D4F  
}
```

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 #433D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433D4F
}
```

Border

The CSS property to change the border of an element to Hex 433D4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

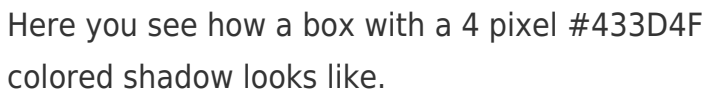
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433D4F }
```

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

```
.border{ border-color:#433D4F }
```

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



Here you see how a box with a 4 pixel #433D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433D4F; -webkit-box-shadow:4px 4px  
4px 4px #433D4F; box-shadow:4px 4px 4px  
4px #433D4F }
```

Background

The CSS property to change the background color of an element to Hex 433D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433D4F }
```

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

```
.background{ background-color:#433D4F }
```

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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