

Converting Colors

Hex(433A4F)

Have a look what the booklet for
Hex(433A4F) contains.

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Color

Hex(433A4F)

Conversions

Conversions Part 1

Format	Color
Hex	433A4F
RGB	67, 58, 79
RGB Percent	26%, 23%, 31%
CMY	0.7373, 0.7725, 0.6902
CMYK	0.15, 0.27, 0.00, 0.69
HSL	266°, 15%, 27%
HSV	266°, 27%, 31%
XYZ	5.2391, 4.7839, 8.0444
YIQ	63.0850, -1.3770, 8.4390

Conversions

Conversions Part 2

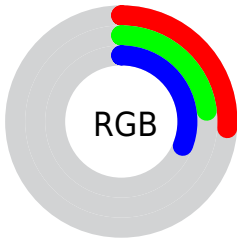
Format	Color
RYB	67, 58, 79
Decimal	4405839
CIELab	26.11, 8.78, -11.32
CIElCh	26, 14.323, 307.796
Yxy	4.7839, 0.2900, 0.2648
Android (android.graphics.Color)	4282595919 (0xFF433A4F)
YUV	63.0850, 7.8461, 3.4335
Hunter-Lab	21.8722, 4.4801, -6.4958

Details

The Hex color **433A4F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **464F3A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **736980**, and **181023** is the 20% darker color. If you saturate the color by 10%, you get **3E324F**, and if you desaturate by 10%, it is **48424F**.

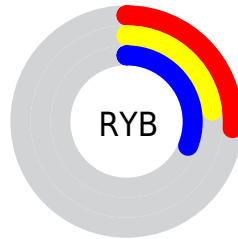
Distribution



Red (26%)

Green (23%)

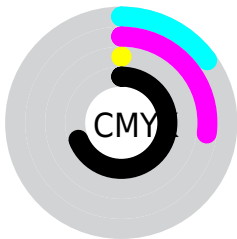
Blue (31%)



Red (26%)

Yellow (23%)

Blue (31%)

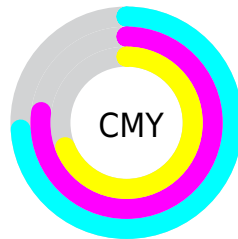


Cyan (15%)

Magenta (27%)

Yellow (0%)

Black (69%)



Cyan (74%)

Magenta (77%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 433A4F 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 433A4F by changing the saturation by 10% instead.

■ 433A4F

■ 433A4F

FFFFFF

■ 2D2438

■ 736980

■ 181023

■ 8D829A

■ 00000B

■ A79CB5

■ 000000

■ C3B7D1

■ DFD3ED

■ FBEFFF

■ 433A4F

■ 433A4F

■ 3E324F

■ 48424F

■ 3A2A4F

■ 4C4A4F

■ 35224F

■ 51524F

■ 311A4F

■ 555A4F

■ 2C124F

■ 5A624F

■ 280B4F

■ 5E694F

■ 23034F

■ 63714F

■ 22004F

■ 67794F

■ 6C814F

Harmonies

Analogous

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



343E53



433A4F



4E3746

Triad

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



433A4F



4C3A2A



1F4440

Complementary

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



433A4F



464F3A

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.



2A4335



433A4F



433E28

Square

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



433A4F



533731



37412C



1C434B

Rectangle

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



433A4F



52363F



37412C



22443D

Sweetspot

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



433A4F



615E66



3A464F



302E33



B3B3B3



333333

Same Dimension

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



433A4F



534566



4D3A4F



242226



2C0066



6200E6

Inverse Universe

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



4F3A46



664558



3C4F3A



262225



66003A



E60083

Previews

White Background



This preview shows how the Hex color 433A4F looks on a white background.

Color Contrast Check

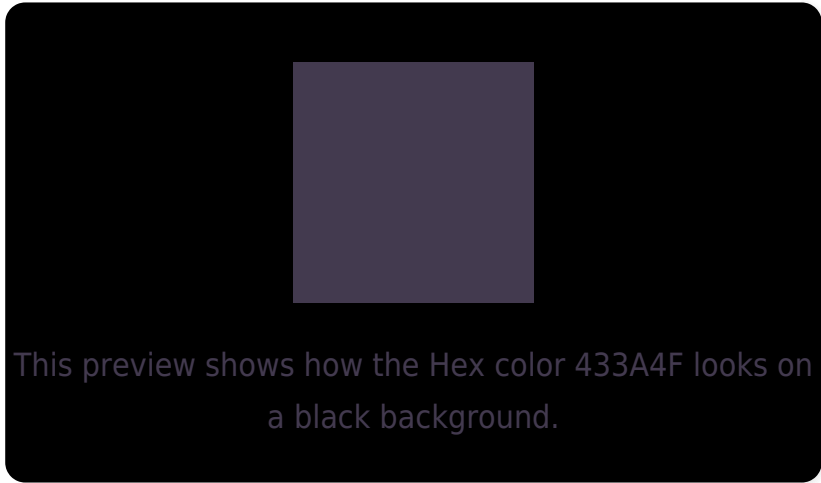
Large Text (above 18pt) WCAG AA ✓ Pass

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

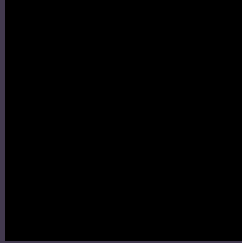
Any Text WCAG AA × Fail

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 433A4F Background



This preview shows how black text looks on a background with the Hex color 433A4F.

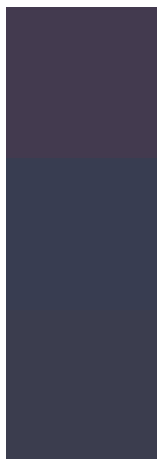


This preview shows how white text looks on a background with the Hex color 433A4F.

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
433A4F

Protanopia
383D51

Deuteranopia
3B3D4E



Tritanopia
413D41

Trichromacy



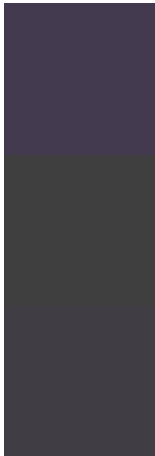
Original Color
433A4F

Protanomaly
3C3C50

Deuteranomaly
3E3C4E

Tritanomaly
423C46

Monochromacy



Original Color
433A4F

Achromatopsia
3F3F3F

Achromatomaly
403D45

CSS Examples

Text

The CSS property to change the color of the text to Hex 433A4F 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 #433A4F looks like.

```
.text, #text, p{  
    color:#433A4F  
}
```

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 #433A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433A4F
}
```

Border

The CSS property to change the border of an element to Hex 433A4F 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
#433A4F }
```

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

```
.border{ border-color:#433A4F }
```

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

Here you see how a box with a 4 pixel #433A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433A4F; -webkit-box-shadow:4px 4px  
4px 4px #433A4F; box-shadow:4px 4px 4px  
4px #433A4F }
```

Background

The CSS property to change the background color of an element to Hex 433A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433A4F }
```

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

```
.background{ background-color:#433A4F }
```

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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