

Converting Colors

Hex(473E5C)

Have a look what the booklet for
Hex(473E5C) contains.

Hex(473E5C)	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(473E5C)

Conversions

Conversions Part 1

Format	Color
Hex	473E5C
RGB	71, 62, 92
RGB Percent	28%, 24%, 36%
CMY	0.7216, 0.7569, 0.6392
CMYK	0.23, 0.33, 0.00, 0.64
HSL	258°, 19%, 30%
HSV	258°, 33%, 36%
XYZ	6.2529, 5.5575, 10.8684
YIQ	68.1110, -4.2660, 11.2380

Conversions

Conversions Part 2

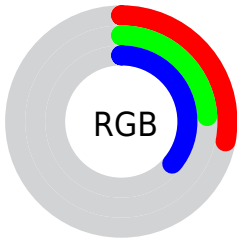
Format	Color
R_{YB}	71, 62, 92
Decimal	4669020
CIE _{Lab}	28.27, 11.04, -16.45
CIE _{LCh}	28, 19.811, 303.856
Yxy	5.5575, 0.2757, 0.2451
Android (android.graphics.Color)	4282859100 (0xFF473E5C)
YUV	68.1110, 11.7773, 2.5337
Hunter-Lab	23.5745, 6.0903, -10.8319

Details

The Hex color **473E5C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **535C3E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **786E8E**, and **1A142E** is the 20% darker color. If you saturate the color by 10%, you get **41355C**, and if you desaturate by 10%, it is **4D475C**.

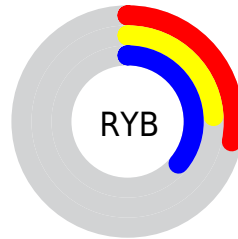
Distribution



Red (28%)

Green (24%)

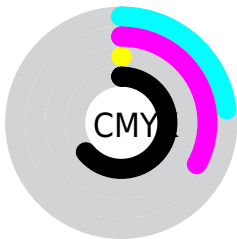
Blue (36%)



Red (28%)

Yellow (24%)

Blue (36%)

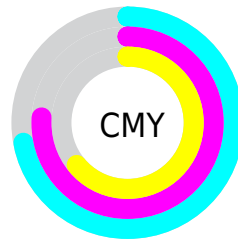


Cyan (23%)

Magenta (33%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (76%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473E5C 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 473E5C by changing the saturation by 10% instead.

■ 473E5C

■ 473E5C

FFFFFF

■ 302844

■ 786E8E

■ 1A142E

■ 9287A9

■ 000019

■ ADA1C4

■ 000000

■ C8BCE0

■ E4D8FD

■ FFF4FF

■ 473E5C

■ 473E5C

■ 41355C

■ 4D475C

■ 3A2C5C

■ 54505C

■ 34225C

■ 5A5A5C

■ 2D195C

■ 61635C

■ 27105C

■ 676C5C

■ 20075C

■ 6E755C

■ 1C005C

■ 747E5C

■ 7B885C

■ 81915C

Harmonies

Analogous

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



304461



473E5C



583950

Triad

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



473E5C



583D28



124B44

Complementary

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



473E5C



535C3E

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.



284A35



473E5C



4B4224

Square

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



473E5C



5F3932



3B4729



004A53

Rectangle

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



473E5C



5E3746



3B4729



1A4B3F

Sweetspot

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



473E5C



6F6C78



3E535C



38363D



BDBDBD



3D3D3D

Same Dimension

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



473E5C



574978



563E5C



2B292E



21006E



4700ED

Inverse Universe

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



5C3E53



78496A



445C3E



2E292D



6E004D



ED00A6

Previews

White Background



This preview shows how the Hex color 473E5C 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

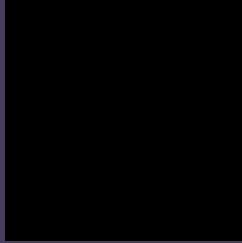
Any Text WCAG AA × Fail

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 473E5C Background



This preview shows how black text looks on a background with the Hex color 473E5C.

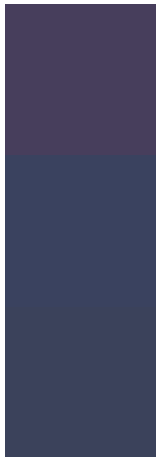


This preview shows how white text looks on a background with the Hex color 473E5C.

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
473E5C

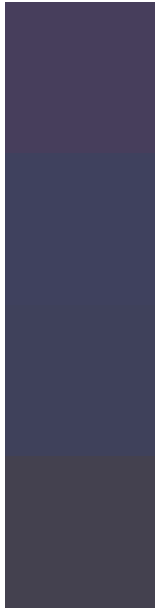
Protanopia
3A425F

Deuteranopia
3B425B



Tritanopia
434247

Trichromacy



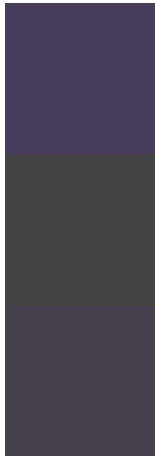
Original Color
473E5C

Protanomaly
3F415E

Deuteranomaly
3F415B

Tritanomaly
44414F

Monochromacy



Original Color
473E5C

Achromatopsia
444444

Achromatomaly
45424D

CSS Examples

Text

The CSS property to change the color of the text to Hex 473E5C 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 #473E5C looks like.

```
.text, #text, p{  
    color:#473E5C  
}
```

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 #473E5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473E5C
}
```

Border

The CSS property to change the border of an element to Hex 473E5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

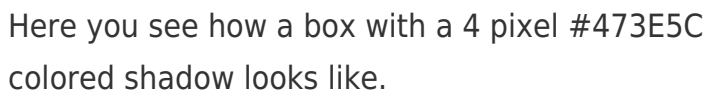
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473E5C }
```

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

```
.border{ border-color:#473E5C }
```

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



Here you see how a box with a 4 pixel #473E5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473E5C; -webkit-box-shadow:4px 4px  
4px 4px #473E5C; box-shadow:4px 4px 4px  
4px #473E5C }
```

Background

The CSS property to change the background color of an element to Hex 473E5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473E5C }
```

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

```
.background{ background-color:#473E5C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor