

# Converting Colors

Hex(473A6F)

Have a look what the booklet for  
Hex(473A6F) contains.

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# Color

Hex(473A6F)

# Conversions

## Conversions Part 1

Format	Color
Hex	473A6F
RGB	71, 58, 111
RGB Percent	28%, 23%, 44%
CMY	0.7216, 0.7725, 0.5647
CMYK	0.36, 0.48, 0.00, 0.56
HSL	255°, 31%, 33%
HSV	255°, 48%, 44%
XYZ	6.9808, 5.5134, 15.7352
YIQ	67.9290, -9.2650, 19.2390

# Conversions

## Conversions Part 2

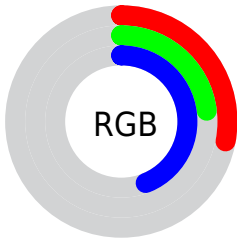
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 58, 111
Decimal	4668015
CIE Lab	28.15, 19.09, -28.83
CIE LCh	28, 34.580, 303.507
Yxy	5.5134, 0.2473, 0.1953
Android (android.graphics.Color)	4282858095 (0xFF473A6F)
YUV	67.9290, 21.2340, 2.6933
Hunter-Lab	23.4806, 11.9772, -23.2958

# Details

The Hex color **473A6F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **626F3A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7969A3**, and **17103F** is the 20% darker color. If you saturate the color by 10%, you get **3F2F6F**, and if you desaturate by 10%, it is **4F456F**.

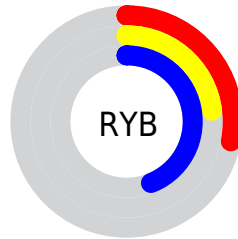
# Distribution



Red (28%)

Green (23%)

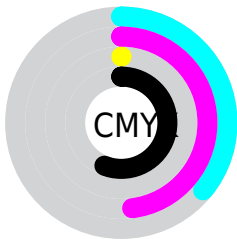
Blue (44%)



Red (28%)

Yellow (23%)

Blue (44%)

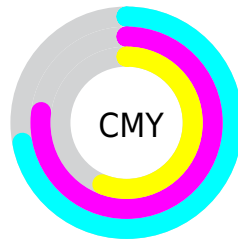


Cyan (36%)

Magenta (48%)

Yellow (0%)

Black (56%)



Cyan (72%)

Magenta (77%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 473A6F 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 473A6F by changing the saturation by 10% instead.





473A6F



473A6F

FFFFFF



2F2456



7969A3



17103F



9483BE



000029



AF9DDA



000112



CBB8F7



000000



E7D3FF



FFF0FF



473A6F



473A6F



3F2F6F



4F456F

■ 36246F

■ 58506F

■ 2E196F

■ 605B6F

■ 250E6F

■ 69666F

■ 1D026F

■ 71726F

■ 1B006F

■ 797D6F

■ 82886F

■ 8A936F

■ 929E6F

# Harmonies

## Analogous

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



004478



473A6F



652F5B

# Triad

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



473A6F



633811



004F45

# Complementary

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



473A6F



626F3A

# 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.



004D29



473A6F



4D4206

# Square

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



473A6F



702E27



324912



004F5F

# Rectangle

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



473A6F



6F2A49



324912



004F3C



# Sweetspot

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



473A6F



827D91



3A636F



403D4A



C9C9C9



4A4A4A



# Same Dimension

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



473A6F



533F91



613A6F



343238



1D0078



3D00F7



# Inverse Universe

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



6F3A62



913F7D



486F3A



383237



78005A



F700BB



# Previews

## White Background



This preview shows how the Hex color 473A6F 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

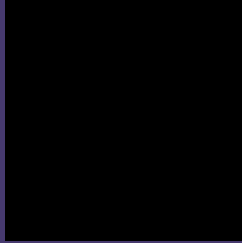
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 473A6F Background



This preview shows how black text looks on a background with the Hex color 473A6F.



This preview shows how white text looks on a background with the Hex color 473A6F.

# 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](#).

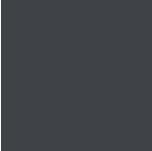
## Dichromacy



**Original Color**  
473A6F

**Protanopia**  
2A4176

**Deuteranopia**  
28436D



**Tritanopia**  
3F4348

# Trichromacy



**Original Color**  
473A6F

**Protanomaly**  
353E73

**Deuteranomaly**  
33406E

**Tritanomaly**  
424056

# Monochromacy



**Original Color**  
473A6F

**Achromatopsia**  
444444

**Achromatomaly**  
454054

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 473A6F 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 #473A6F looks like.

```
.text, #text, p{  
    color:#473A6F  
}
```

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 #473A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473A6F
}
```

## Border

The CSS property to change the border of an element to Hex 473A6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

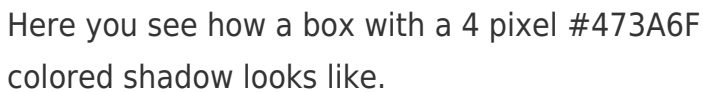
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473A6F }
```

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

```
.border{ border-color:#473A6F }
```

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



Here you see how a box with a 4 pixel #473A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473A6F; -webkit-box-shadow:4px 4px  
4px 4px #473A6F; box-shadow:4px 4px 4px  
4px #473A6F }
```

# Background

The CSS property to change the background color of an element to Hex 473A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473A6F }
```

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

```
.background{ background-color:#473A6F }
```

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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