

Converting Colors

Hex(473863)

Have a look what the booklet for
Hex(473863) contains.

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Color

Hex(473863)

Conversions

Conversions Part 1

Format	Color
Hex	473863
RGB	71, 56, 99
RGB Percent	28%, 22%, 39%
CMY	0.7216, 0.7804, 0.6118
CMYK	0.28, 0.43, 0.00, 0.61
HSL	261°, 28%, 30%
HSV	261°, 43%, 39%
XYZ	6.2648, 5.0688, 12.4526
YIQ	65.3870, -4.8630, 16.5530

Conversions

Conversions Part 2

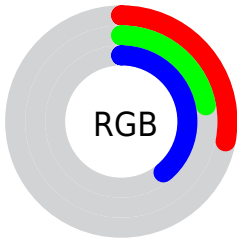
Format	Color
R_YB	71, 56, 99
Decimal	4667491
CIE _{Lab}	26.93, 16.93, -23.06
CIE _{LCh}	27, 28.610, 306.283
Yxy	5.0688, 0.2634, 0.2131
Android (android.graphics.Color)	4282857571 (0xFF473863)
YUV	65.3870, 16.5712, 4.9226
Hunter-Lab	22.5140, 10.2707, -17.0337

Details

The Hex color **473863** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **546338**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **796796**, and **190E34** is the 20% darker color. If you saturate the color by 10%, you get **412E63**, and if you desaturate by 10%, it is **4D4263**.

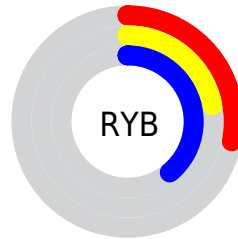
Distribution



 Red (28%)

 Green (22%)

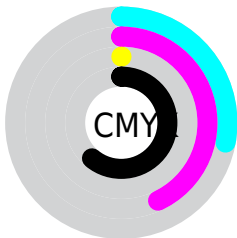
 Blue (39%)



 Red (28%)

 Yellow (22%)

 Blue (39%)

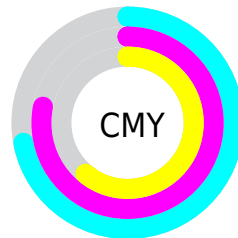


 Cyan (28%)

 Magenta (43%)

 Yellow (0%)

 Black (61%)



 Cyan (72%)

 Magenta (78%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473863 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 473863 by changing the saturation by 10% instead.

■ 473863

■ 473863

FFFFFF

■ 30224B

■ 796796

■ 190E34

■ 9380B1

■ 00001F

■ AE9ACC

■ 000001

■ C9B5E9

■ 000000

■ E5D1FF

■ FFEDFF

■ 473863

■ 473863

■ 412E63

■ 4D4263

■ 3A2463

■ 544C63

■ 341A63

■ 5A5663

■ 2D1063

■ 616063

■ 270663

■ 676A63

■ 230063

■ 6E7363

■ 747D63

■ 7B8763

■ 819163

Harmonies

Analogous

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



1E416B



473863



5E3052

Triad

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



473863



5A3817



004A44

Complementary

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



473863



546338

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.



0E492D



473863



484012

Square

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



473863



663027



31461B



004A59

Rectangle

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



473863



662D43



31461B



004A3C

Sweetspot

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



473863



756F80



385563



393640



BFBFBF



404040

Same Dimension

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



473863



543D80



5C3863



2D2C30



270070



5400F0

Inverse Universe

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



633854



803D68



3F6338



302C2F



700049



F0009C

Previews

White Background



This preview shows how the Hex color 473863 looks on a white background.

Color Contrast Check

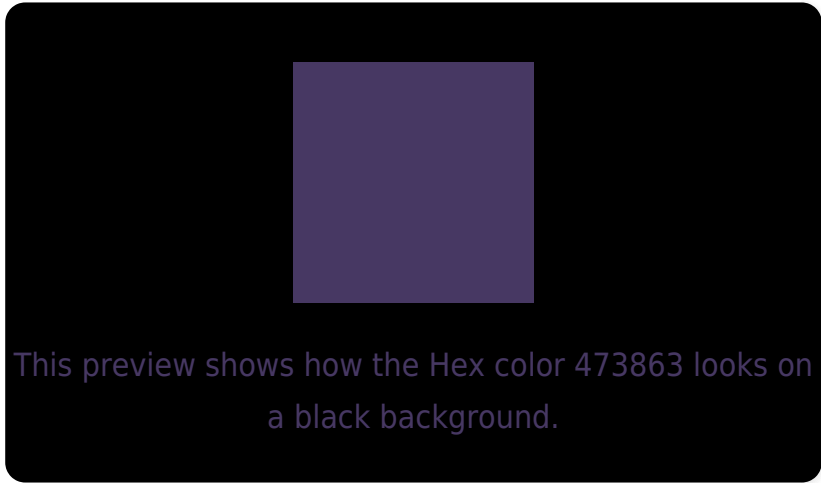
Large Text (above 18pt) WCAG AA ✓ Pass

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

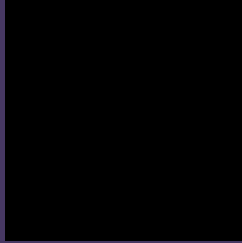
Any Text WCAG AA × Fail

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 473863 Background



This preview shows how black text looks on a background with the Hex color 473863.



This preview shows how white text looks on a background with the Hex color 473863.

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
473863

Protanopia
2F3E69

Deuteranopia
2F4061



Tritanopia
413F44

Trichromacy



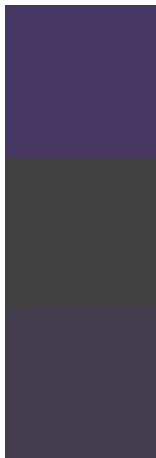
Original Color
473863

Protanomaly
383C67

Deuteranomaly
383D62

Tritanomaly
433C4F

Monochromacy



Original Color
473863

Achromatopsia
414141

Achromatomaly
433E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 473863 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 #473863 looks like.

```
.text, #text, p{  
    color:#473863  
}
```

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 #473863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473863  
}
```

Border

The CSS property to change the border of an element to Hex 473863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

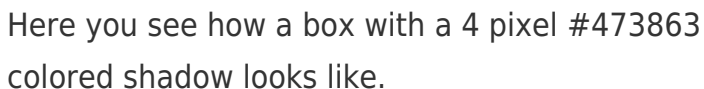
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#473863 }
```

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

```
.border{ border-color:#473863 }
```

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



Here you see how a box with a 4 pixel #473863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473863; -webkit-box-shadow:4px 4px  
4px 4px #473863; box-shadow:4px 4px 4px  
4px #473863 }
```

Background

The CSS property to change the background color of an element to Hex 473863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473863 }
```

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

```
.background{ background-color:#473863 }
```

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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