

Converting Colors

Hex(473770)

Have a look what the booklet for
Hex(473770) contains.

Hex(473770)	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(473770)

Conversions

Conversions Part 1

Format	Color
Hex	473770
RGB	71, 55, 112
RGB Percent	28%, 22%, 44%
CMY	0.7216, 0.7843, 0.5608
CMYK	0.37, 0.51, 0.00, 0.56
HSL	257°, 34%, 33%
HSV	257°, 51%, 44%
XYZ	6.8894, 5.2418, 15.9779
YIQ	66.2820, -8.7610, 21.1190

Conversions

Conversions Part 2

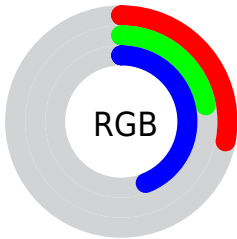
Format	Color
R_{YB}	71, 55, 112
Decimal	4667248
CIE _{Lab}	27.41, 21.35, -30.64
CIE _{LCh}	27, 37.345, 304.866
Yxy	5.2418, 0.2451, 0.1865
Android (android.graphics.Color)	4282857328 (0xFF473770)
YUV	66.2820, 22.5390, 4.1377
Hunter-Lab	22.8950, 13.6462, -25.3506

Details

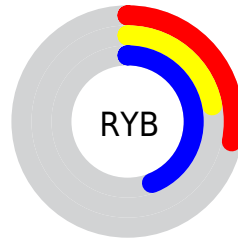
The Hex color **473770** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **607037**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7A66A4**, and **160D40** is the 20% darker color. If you saturate the color by 10%, you get **3F2C70**, and if you desaturate by 10%, it is **4F4270**.

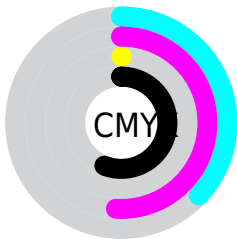
Distribution



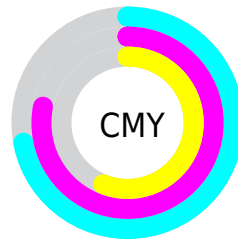
- Red (28%)
- Green (22%)
- Blue (44%)



- Red (28%)
- Yellow (22%)
- Blue (44%)



- Cyan (37%)
- Magenta (51%)
- Yellow (0%)
- Black (56%)



- Cyan (72%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473770 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 473770 by changing the saturation by 10% instead.

■ 473770

■ 473770

FFFFFF

■ 2F2157

■ 7A66A4

■ 160D40

■ 947FBF

■ 000029

■ AF99DB

■ 000113

■ CBB4F8

■ 000000

■ E7D0FF

■ FFECFF

■ 473770

■ 473770

■ 3F2C70

■ 4F4270

■ 372170

■ 574D70

■ 2F1570

■ 5F5970

■ 270A70

■ 676470

■ 1F0070

■ 6F6F70

■ 777A70

■ 7F8570

■ 879170

■ 909C70

Harmonies

Analogous

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



00437A



473770



672A5A

Triad

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



473770



613609



004E45

Complementary

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



473770



607037

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.



004C27



473770



4A4100

Square

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



473770



702A22



2D480C



004D61

Rectangle

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



473770



712447



2D480C



004E3B

Sweetspot

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



473770



827C91



376170



403D4A



C9C9C9



4A4A4A

Same Dimension

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



473770



523991



633770



343238



220078



4500F7

Inverse Universe

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



703760



913978



447037



383237



780056



F700B2

Previews

White Background



This preview shows how the Hex color 473770 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

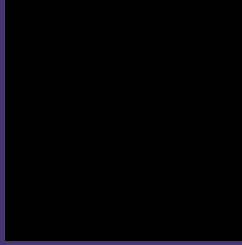
Any Text WCAG AA × Fail

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 473770 Background



This preview shows how black text looks on a background with the Hex color 473770.



This preview shows how white text looks on a background with the Hex color 473770.

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
473770

Protanopia
243F78

Deuteranopia
21416E



Tritanopia
3E4146

Trichromacy



Original Color
473770

Protanomaly
313C75

Deuteranomaly
2F3D6F

Tritanomaly
413D55

Monochromacy



Original Color
473770

Achromatopsia
424242

Achromatomaly
443E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 473770 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 #473770 looks like.

```
.text, #text, p{  
    color:#473770  
}
```

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 #473770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473770
}
```

Border

The CSS property to change the border of an element to Hex 473770 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
#473770 }
```

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

```
.border{ border-color:#473770 }
```

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

Here you see how a box with a 4 pixel #473770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473770; -webkit-box-shadow:4px 4px  
4px 4px #473770; box-shadow:4px 4px 4px  
4px #473770 }
```

Background

The CSS property to change the background color of an element to Hex 473770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473770 }
```

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

```
.background{ background-color:#473770 }
```

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