

Converting Colors

Hex(473F7A)

Have a look what the booklet for
Hex(473F7A) contains.

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Color

Hex(473F7A)

Conversions

Conversions Part 1

Format	Color
Hex	473F7A
RGB	71, 63, 122
RGB Percent	28%, 25%, 48%
CMY	0.7216, 0.7529, 0.5216
CMYK	0.42, 0.48, 0.00, 0.52
HSL	248°, 32%, 36%
HSV	248°, 48%, 48%
XYZ	7.8889, 6.2997, 19.2125
YIQ	72.1180, -14.1710, 20.0450

Conversions

Conversions Part 2

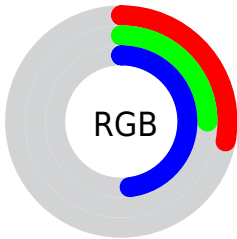
Format	Color
R_{YB}	71, 63, 122
Decimal	4669306
CIE _{Lab}	30.16, 19.15, -32.60
CIE _{LCh}	30, 37.808, 300.437
Yxy	6.2997, 0.2362, 0.1886
Android (android.graphics.Color)	4282859386 (0xFF473F7A)
YUV	72.1180, 24.5918, -0.9805
Hunter-Lab	25.0993, 12.1801, -27.8147

Details

The Hex color **473F7A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **727A3F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7A6FAF**, and **141549** is the 20% darker color. If you saturate the color by 10%, you get **3C337A**, and if you desaturate by 10%, it is **524B7A**.

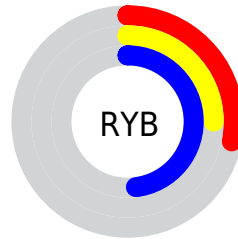
Distribution



Red (28%)

Green (25%)

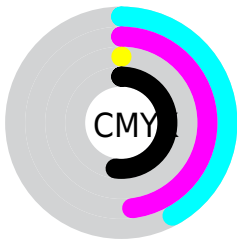
Blue (48%)



Red (28%)

Yellow (25%)

Blue (48%)

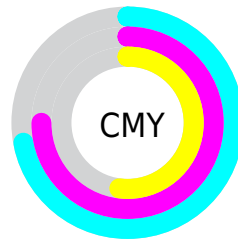


Cyan (42%)

Magenta (48%)

Yellow (0%)

Black (52%)



Cyan (72%)

Magenta (75%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473F7A 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 473F7A by changing the saturation by 10% instead.



473F7A



473F7A

FFFFFF



2E2961



7A6FAF



141549



9588CA



010032



B0A2E7



00021C



CCBDFE



000000



E9D9FF



FFF6FF



473F7A



473F7A



3C337A



524B7A

■ 32277A

■ 5C577A

■ 271A7A

■ 67647A

■ 1D0E7A

■ 71707A

■ 12027A

■ 7C7C7A

■ 11007A

■ 86887A

■ 91947A

■ 9BA17A

■ A6AD7A

Harmonies

Analogous

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



004A82



473F7A



6B3265

Triad

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



473F7A



6C3A12



005547

Complementary

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



473F7A



727A3F

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.



025328



473F7A



554603

Square

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



473F7A



7A2F2B



384E0E



005464

Rectangle

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



473F7A



772B52



384E0E



00543C

Sweetspot

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



473F7A



8A869E



3F727A



43414F



CFCFCF



4F4F4F

Same Dimension

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



473F7A



4F429E



643F7A



38373D



11007D



2200FC

Inverse Universe

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



7A3F72



9E4292



557A3F



3D373C



7D006C



FC00DA

Previews

White Background



This preview shows how the Hex color 473F7A 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

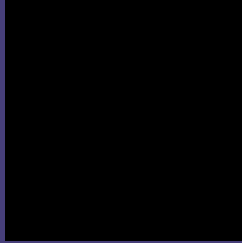
Any Text WCAG AA × Fail

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 473F7A Background



This preview shows how black text looks on a background with the Hex color 473F7A.



This preview shows how white text looks on a background with the Hex color 473F7A.

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](#).

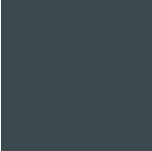
Dichromacy



Original Color
473F7A

Protanopia
2B4580

Deuteranopia
244878



Tritanopia
3C494F

Trichromacy



Original Color
473F7A

Protanomaly
35437E

Deuteranomaly
314579

Tritanomaly
40455F

Monochromacy



Original Color
473F7A

Achromatopsia
484848

Achromatomaly
48455A

CSS Examples

Text

The CSS property to change the color of the text to Hex 473F7A 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 #473F7A looks like.

```
.text, #text, p{  
    color:#473F7A  
}
```

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 #473F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473F7A
}
```

Border

The CSS property to change the border of an element to Hex 473F7A 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
#473F7A }
```

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

```
.border{ border-color:#473F7A }
```

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

Here you see how a box with a 4 pixel #473F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473F7A; -webkit-box-shadow:4px 4px  
4px 4px #473F7A; box-shadow:4px 4px 4px  
4px #473F7A }
```

Background

The CSS property to change the background color of an element to Hex 473F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473F7A }
```

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

```
.background{ background-color:#473F7A }
```

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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