

Converting Colors

Hex(473483)

Have a look what the booklet for
Hex(473483) contains.

Hex(473483)	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(473483)

Conversions

Conversions Part 1

Format	Color
Hex	473483
RGB	71, 52, 131
RGB Percent	28%, 20%, 51%
CMY	0.7216, 0.7961, 0.4863
CMYK	0.46, 0.60, 0.00, 0.49
HSL	254°, 43%, 36%
HSV	254°, 60%, 51%
XYZ	7.9233, 5.4343, 22.1040
YIQ	66.6870, -14.0350, 28.5970

Conversions

Conversions Part 2

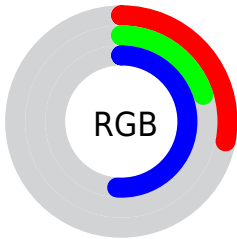
Format	Color
RYB	71, 52, 131
Decimal	4666499
CIELab	27.94, 29.03, -41.79
CIELCh	28, 50.884, 304.789
Yxy	5.4343, 0.2234, 0.1532
Android (android.graphics.Color)	4282856579 (0xFF473483)
YUV	66.6870, 31.7063, 3.7825
Hunter-Lab	23.3115, 19.8745, -39.9009




Details

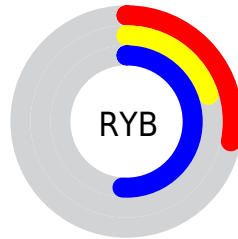
The Hex color **473483** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **708334**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **7C63B9**, and **0E0951** is the 20% darker color. If you saturate the color by 10%, you get **3D2783**, and if you desaturate by 10%, it is **514183**.

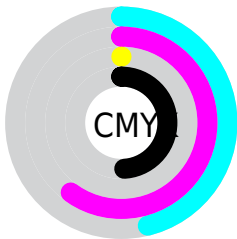
Distribution







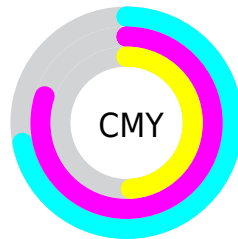
-  Red (28%)
-  Green (20%)
-  Blue (51%)






-  Red (28%)
-  Yellow (20%)
-  Blue (51%)



-  Cyan (46%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (72%)
-  Magenta (80%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473483 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 473483 by changing the saturation by 10% instead.

■ 473483

■ 473483

FFFFFF

■ 2D1E69

■ 7C63B9

■ 0E0951

■ 977DD5

■ 000039

■ B397F1

■ 000223

■ CFB1FF

■ 000009

■ ECCDFF

■ 000000

■ FFE9FF

■ 473483

■ 473483

■ 3D2783

■ 514183

■ 331A83

■ 5B4E83

■ 290D83

■ 655B83

■ 200083

■ 6F6883

■ 797683

■ 838383

■ 8D9083

■ 979D83

■ A1AA83

Harmonies

Analogous

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



004591



473483



741B64

Triad

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



473483



6B3300



005247

Complementary

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



473483



708334

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.



00501E



473483



4C4200

Square

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



473483



7F1C17



224C00



00526E

Rectangle

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



473483



820A4B



224C00



00523A

Sweetspot

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



473483



938CAB



347183



484457



D6D6D6



575757

Same Dimension

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



473483



4D30AB



6E3483



3D3C42



1F0082



010003

Inverse Universe

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



833470



AB308D



498334



423C41



820063



030002

Previews

White Background



This preview shows how the Hex color 473483 looks on a white background.

Color Contrast Check

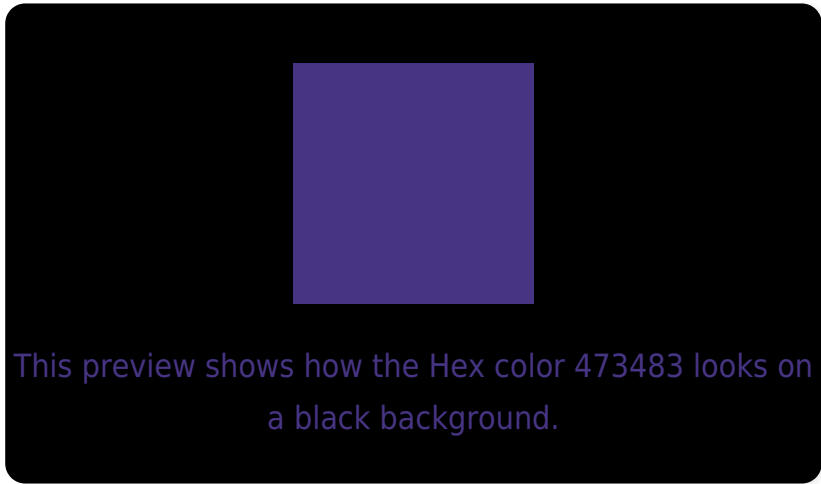
Large Text (above 18pt) WCAG AA ✓ Pass

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

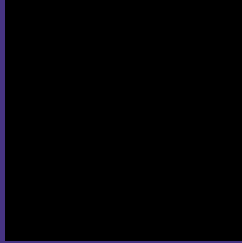
Any Text WCAG AA × Fail

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 473483 Background



This preview shows how black text looks on a background with the Hex color 473483.

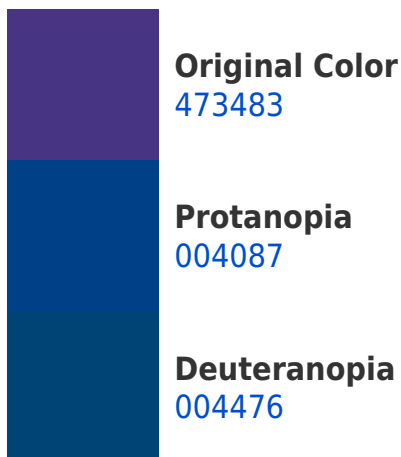


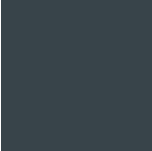
This preview shows how white text looks on a background with the Hex color 473483.

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





Tritanopia
38444A

Trichromacy



Original Color
473483

Protanomaly
1A3C86

Deuteranomaly
1A3E7B

Tritanomaly
3D3E5F

Monochromacy



Original Color
473483

Achromatopsia
434343

Achromatomaly
443E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 473483 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 #473483 looks like.

```
.text, #text, p{  
    color:#473483  
}
```

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 #473483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473483
}
```

Border

The CSS property to change the border of an element to Hex 473483 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
#473483 }
```

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

```
.border{ border-color:#473483 }
```

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

Here you see how a box with a 4 pixel #473483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473483; -webkit-box-shadow:4px 4px  
4px 4px #473483; box-shadow:4px 4px 4px  
4px #473483 }
```

Background

The CSS property to change the background color of an element to Hex 473483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473483 }
```

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

```
.background{ background-color:#473483 }
```

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