

Converting Colors

Hex(423E74)

Have a look what the booklet for
Hex(423E74) contains.

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Color

Hex(423E74)

Conversions

Conversions Part 1

Format	Color
Hex	423E74
RGB	66, 62, 116
RGB Percent	26%, 24%, 45%
CMY	0.7412, 0.7569, 0.5451
CMYK	0.43, 0.47, 0.00, 0.55
HSL	244°, 30%, 35%
HSV	244°, 47%, 45%
XYZ	7.1218, 5.8645, 17.2796
YIQ	69.3520, -14.9500, 17.6420

Conversions

Conversions Part 2

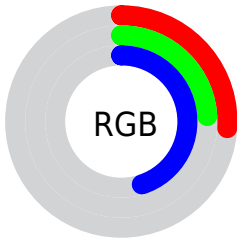
Format	Color
RYB	66, 62, 116
Decimal	4341364
CIELab	29.07, 16.53, -30.58
CIELCh	29, 34.762, 298.400
Yxy	5.8645, 0.2353, 0.1938
Android (android.graphics.Color)	4282531444 (0xFF423E74)
YUV	69.3520, 22.9975, -2.9397
Hunter-Lab	24.2166, 10.1153, -25.3543

Details

The Hex color **423E74** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **70743E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **756EA8**, and **0F1443** is the 20% darker color. If you saturate the color by 10%, you get **373274**, and if you desaturate by 10%, it is **4D4A74**.

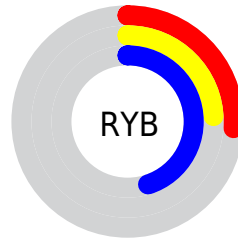
Distribution



Red (26%)

Green (24%)

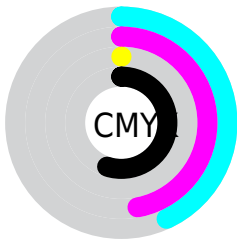
Blue (45%)



Red (26%)

Yellow (24%)

Blue (45%)

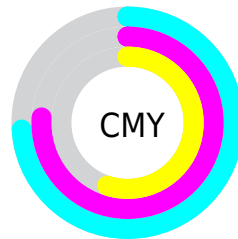


Cyan (43%)

Magenta (47%)

Yellow (0%)

Black (55%)



Cyan (74%)

Magenta (76%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 423E74 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 423E74 by changing the saturation by 10% instead.



423E74



423E74

FFFFFF



29285B



756EA8



0F1443



8F87C4



00002D



AAA1E0



000117



C6BCFD



000000



E2D8FF



FFF4FF



423E74



423E74



373274



4D4A74

■ 2D2774

■ 575574

■ 221B74

■ 626174

■ 171074

■ 6D6C74

■ 0C0474

■ 787874

■ 090074

■ 828474

■ 8D8F74

■ 989B74

■ A3A674

Harmonies

Analogous

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



00487A



423E74



643261

Triad

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



423E74



683816



005142

Complementary

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



423E74



70743E

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.



114F27



423E74



544309

Square

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



423E74



742E2D



394A11



00515D

Rectangle

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



423E74



702D50



394A11



005139

Sweetspot

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



423E74



838196



3E7074



403F4D



CCCCCC



4D4D4D

Same Dimension

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



423E74



484296



5D3E74



35353B



09007A



1300FA

Inverse Universe

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



743E70



964290



55743E



3B353A



7A0071



FA00E7

Previews

White Background



This preview shows how the Hex color 423E74 looks on a white background.

Color Contrast Check

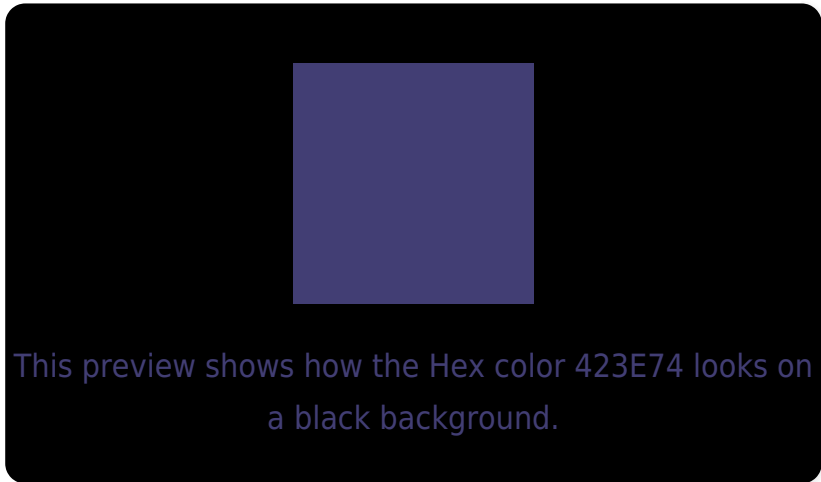
Large Text (above 18pt) WCAG AA ✓ Pass

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

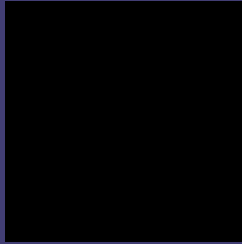
Any Text WCAG AA × Fail

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 423E74 Background



This preview shows how black text looks on a background with the Hex color 423E74.



This preview shows how white text looks on a background with the Hex color 423E74.

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](#).

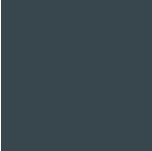
Dichromacy



Original Color
423E74

Protanopia
2C4379

Deuteranopia
264572



Tritanopia
38474D

Trichromacy



Original Color
423E74

Protanomaly
344177

Deuteranomaly
304273

Tritanomaly
3C445B

Monochromacy



Original Color
423E74

Achromatopsia
454545

Achromatomaly
444256

CSS Examples

Text

The CSS property to change the color of the text to Hex 423E74 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 #423E74 looks like.

```
.text, #text, p{  
    color:#423E74  
}
```

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 #423E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #423E74
}
```

Border

The CSS property to change the border of an element to Hex 423E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

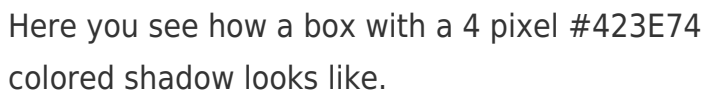
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#423E74 }
```

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

```
.border{ border-color:#423E74 }
```

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



Here you see how a box with a 4 pixel #423E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #423E74; -webkit-box-shadow:4px 4px  
4px 4px #423E74; box-shadow:4px 4px 4px  
4px #423E74 }
```

Background

The CSS property to change the background color of an element to Hex 423E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#423E74 }
```

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

```
.background{ background-color:#423E74 }
```

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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