

Converting Colors

Hex(423870)

Have a look what the booklet for
Hex(423870) contains.

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Color

Hex(423870)

Conversions

Conversions Part 1

Format	Color
Hex	423870
RGB	66, 56, 112
RGB Percent	26%, 22%, 44%
CMY	0.7412, 0.7804, 0.5608
CMYK	0.41, 0.50, 0.00, 0.56
HSL	251°, 33%, 33%
HSV	251°, 50%, 44%
XYZ	6.5856, 5.1564, 15.9774
YIQ	65.3740, -12.0160, 19.5360

Conversions

Conversions Part 2

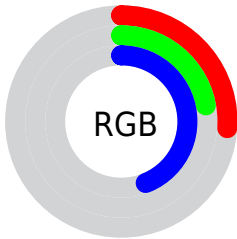
Format	Color
R_{YB}	66, 56, 112
Decimal	4339824
CIE _{Lab}	27.18, 19.26, -31.05
CIE _{LCh}	27, 36.537, 301.811
Yxy	5.1564, 0.2376, 0.1860
Android (android.graphics.Color)	4282529904 (0xFF423870)
YUV	65.3740, 22.9866, 0.5490
Hunter-Lab	22.7078, 12.0287, -25.8215

Details

The Hex color **423870** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **667038**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7567A4**, and **100E40** is the 20% darker color. If you saturate the color by 10%, you get **392D70**, and if you desaturate by 10%, it is **4B4370**.

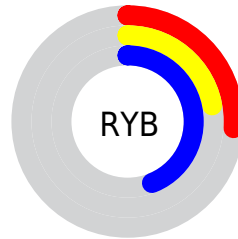
Distribution



Red (26%)

Green (22%)

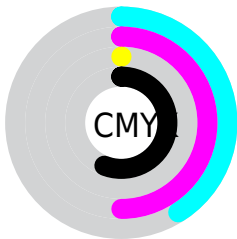
Blue (44%)



Red (26%)

Yellow (22%)

Blue (44%)

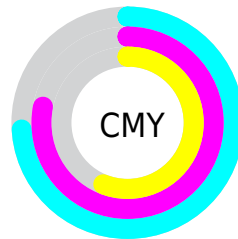


Cyan (41%)

Magenta (50%)

Yellow (0%)

Black (56%)



Cyan (74%)

Magenta (78%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 423870 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 423870 by changing the saturation by 10% instead.

■ 423870

■ 423870

FFFFFF

■ 2A2257

■ 7567A4

■ 100E40

■ 8F80BF

■ 000029

■ AA9ADB

■ 000113

■ C6B5F8

■ 000000

■ E2D1FF

■ FFEDFF

■ 423870

■ 423870

■ 392D70

■ 4B4370

■ 302270

■ 544E70

■ 261670

■ 5E5A70

■ 1D0B70

■ 676570

■ 140070

■ 707070

■ 797B70

■ 828670

■ 8C9270

■ 959D70

Harmonies

Analogous

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



004378



423870



632B5B

Triad

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



423870



62350D



004D41

Complementary

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



423870



667038

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.



004B24



423870



4C3F00

Square

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



423870



702924



30470B



004D5D

Rectangle

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



423870



6E2549



30470B



004D37

Sweetspot

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



423870



7F7C91



386770



3F3D4A



C9C9C9



4A4A4A

Same Dimension

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



423870



4A3A91



5D3870



333238



150078



2C00F7

Inverse Universe

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



703866



913A82



4B7038



383237



780062



F700CB

Previews

White Background



This preview shows how the Hex color 423870 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

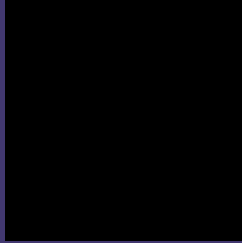
Any Text WCAG AA × Fail

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 423870 Background



This preview shows how black text looks on a background with the Hex color 423870.

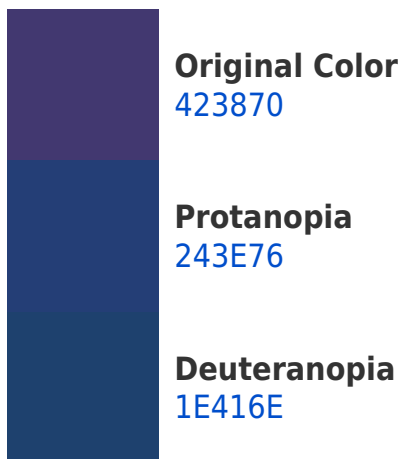


This preview shows how white text looks on a background with the Hex color 423870.

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
384247

Trichromacy



Original Color
423870

Protanomaly
2F3C74

Deuteranomaly
2B3E6F

Tritanomaly
3C3E56

Monochromacy



Original Color
423870

Achromatopsia
414141

Achromatomaly
413E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 423870 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 #423870 looks like.

```
.text, #text, p{  
    color:#423870  
}
```

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 #423870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #423870
}
```

Border

The CSS property to change the border of an element to Hex 423870 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
#423870 }
```

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

```
.border{ border-color:#423870 }
```

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

Here you see how a box with a 4 pixel #423870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #423870; -webkit-box-shadow:4px 4px  
4px 4px #423870; box-shadow:4px 4px 4px  
4px #423870 }
```

Background

The CSS property to change the background color of an element to Hex 423870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#423870 }
```

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

```
.background{ background-color:#423870 }
```

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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