

Converting Colors

Hex(423952)

Have a look what the booklet for
Hex(423952) contains.

Hex(423952)	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(423952)

Conversions

Conversions Part 1

Format	Color
Hex	423952
RGB	66, 57, 82
RGB Percent	26%, 22%, 32%
CMY	0.7412, 0.7765, 0.6784
CMYK	0.20, 0.30, 0.00, 0.68
HSL	262°, 18%, 27%
HSV	262°, 30%, 32%
XYZ	5.2329, 4.6937, 8.6128
YIQ	62.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

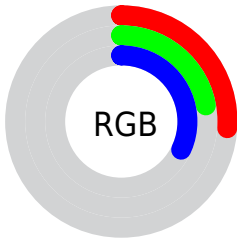
Format	Color
RYB	66, 57, 82
Decimal	4340050
CIELab	25.84, 9.85, -13.71
CIElCh	26, 16.882, 305.700
Yxy	4.6937, 0.2823, 0.2532
Android (android.graphics.Color)	4282530130 (0xFF423952)
YUV	62.5410, 9.5933, 3.0335
Hunter-Lab	21.6650, 5.2007, -8.4050

Details

The Hex color **423952** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **495239**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **726883**, and **170F25** is the 20% darker color. If you saturate the color by 10%, you get **3D3152**, and if you desaturate by 10%, it is **474152**.

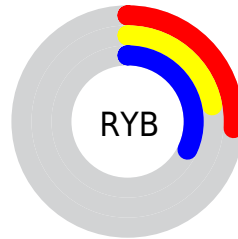
Distribution



Red (26%)

Green (22%)

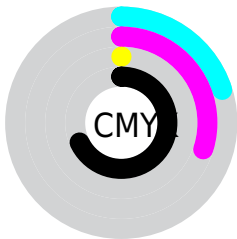
Blue (32%)



Red (26%)

Yellow (22%)

Blue (32%)

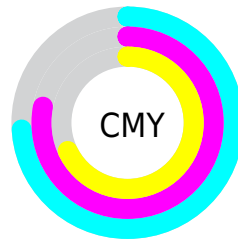


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (68%)



Cyan (74%)

Magenta (78%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 423952 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 423952 by changing the saturation by 10% instead.

■ 423952

■ 423952

FFFFFF

■ 2C233B

■ 726883

■ 170F25

■ 8C819E

■ 00010F

■ A69BB9

■ 000000

■ C2B6D4

■ DED2F1

■ FAEEFF

■ 423952

■ 423952

■ 3D3152

■ 474152

■ 382952

■ 4C4952

■ 322052

■ 525252

■ 2D1852

■ 575A52

■ 281052

■ 5C6252

■ 230852

■ 616A52

■ 1E0052

■ 677252

■ 6C7B52

■ 718352

Harmonies

Analogous

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



2F3E57



423952



4F3548

Triad

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



423952



4F3926



17443F

Complementary

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



423952



495239

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.



264332



423952



433D24

Square

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



423952



55352F



364128



0E444C

Rectangle

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



423952



553440



364128



1C443B

Sweetspot

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



423952



65616B



394952



323036



B5B5B5



363636

Same Dimension

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



423952



52436B



4E3952



262529



260069



5400E8

Inverse Universe

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



523949



6B435D



3D5239



292527



690043



E80095

Previews

White Background



This preview shows how the Hex color 423952 looks on a white background.

Color Contrast Check

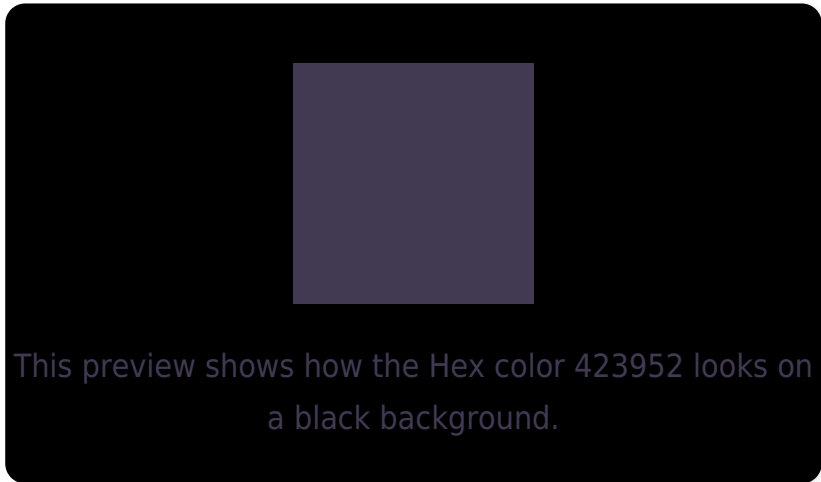
Large Text (above 18pt) WCAG AA ✓ Pass

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

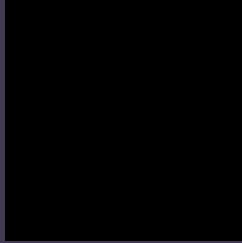
Any Text WCAG AA × Fail

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 423952 Background



This preview shows how black text looks on a background with the Hex color 423952.

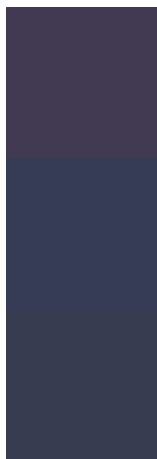


This preview shows how white text looks on a background with the Hex color 423952.

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
423952

Protanopia
363C55

Deuteranopia
383C51



Tritanopia
3F3C41

Trichromacy



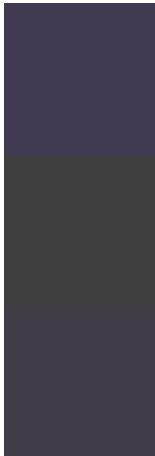
Original Color
423952

Protanomaly
3A3B54

Deuteranomaly
3C3B51

Tritanomaly
403B47

Monochromacy



Original Color
423952

Achromatopsia
3F3F3F

Achromatomaly
403D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 423952 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 #423952 looks like.

```
.text, #text, p{  
    color:#423952  
}
```

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 #423952 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #423952
}
```

Border

The CSS property to change the border of an element to Hex 423952 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".

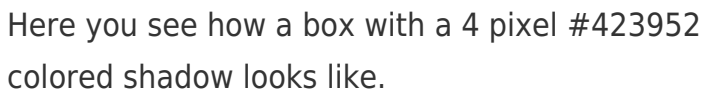
```
.border, #border, table{ border:4px solid
#423952 }
```

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

```
.border{ border-color:#423952 }
```

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

Here you see how a box with a 4 pixel #423952 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #423952; -webkit-box-shadow:4px 4px  
4px 4px #423952; box-shadow:4px 4px 4px  
4px #423952 }
```

Background

The CSS property to change the background color of an element to Hex 423952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#423952 }
```

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

```
.background{ background-color:#423952 }
```

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