

Converting Colors

Hex(423C00)

Have a look what the booklet for
Hex(423C00) contains.

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Color

Hex(423C00)

Conversions

Conversions Part 1

Format	Color
Hex	423C00
RGB	66, 60, 0
RGB Percent	26%, 24%, 0%
CMY	0.7412, 0.7647, 1.0000
CMYK	0.00, 0.09, 1.00, 0.74
HSL	55°, 100%, 13%
HSV	55°, 100%, 26%
XYZ	3.8626, 4.3900, 0.6438
YIQ	54.9540, 22.8360, -17.3880

Conversions

Conversions Part 2

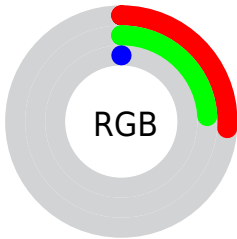
Format	Color
R_{YB}	7, 66, 0
Decimal	4340736
CIE Lab	24.92, -4.48, 33.76
CIE LCh	25, 34.055, 97.559
Yxy	4.3900, 0.4342, 0.4935
Android (android.graphics.Color)	4282530816 (0xFF423C00)
YUV	54.9540, -27.0923, 9.6873
Hunter-Lab	20.9523, -3.7593, 12.8449

Details

The Hex color **423C00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000642**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **756B30**, and **0F1200** is the 20% darker color. If you saturate the color by 10%, you get **423C00**, and if you desaturate by 10%, it is **423D07**.

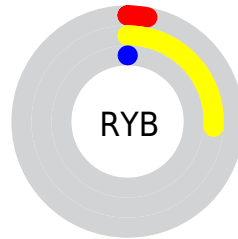
Distribution



Red (26%)

Green (24%)

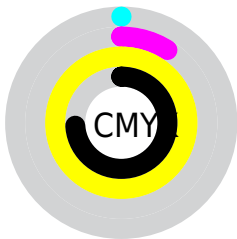
Blue (0%)



Red (3%)

Yellow (26%)

Blue (0%)

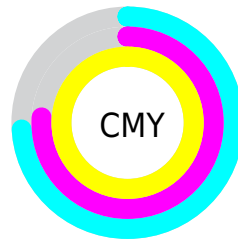


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (74%)



Cyan (74%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 423C00 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 423C00 by changing the saturation by 10% instead.

 423C00

 423C00

 FFFFE7

 2A2600

 756B30

 0F1200

 8F8448

 000000

 AA9E60

 C6B97A

 E3D594

 FFF1AF

 FFFFCB

 423C00

■ 423D07

■ 423D0D

■ 423E14

■ 423E1A

■ 423F21

■ 424028

■ 42402E

■ 424135

■ 42413B

Harmonies

Analogous

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



573308



423C00



26420E

Triad

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



423C00



00465A



5F264F

Complementary

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



423C00



000642

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.



443164



423C00



00436B

Square

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



423C00



004741



043C6E



692236

Rectangle

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



423C00



07451E



043C6E



582A57

Sweetspot

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



423C00



57543D



420007



2B2A1C



ABABAB



2B2B2B

Same Dimension

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



423C00



574F00



284200



21211E



615800



E0CC00

Inverse Universe

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



000642



000857



1A0042



1E1E21



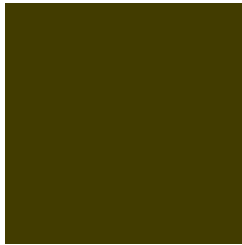
000961



0014E0

Previews

White Background



This preview shows how the Hex color 423C00 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

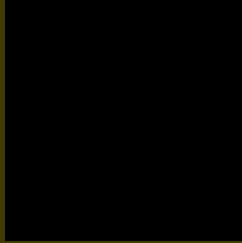
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

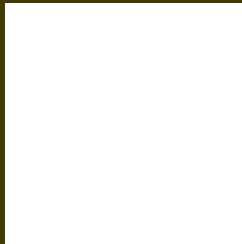
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 423C00 Background



This preview shows how black text looks on a background with the Hex color 423C00.



This preview shows how white text looks on a background with the Hex color 423C00.

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
423C00

Deuteranopia
4B3808

Tritanopia
46383C

Trichromacy



Original Color
423C00

Deuteranomaly
483905

Tritanomaly
453926

Monochromacy



Original Color
423C00

Achromatopsia
373737

Achromatomaly
3B3923

CSS Examples

Text

The CSS property to change the color of the text to Hex 423C00 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 #423C00 looks like.

```
.text, #text, p{  
    color:#423C00  
}
```

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 #423C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #423C00
}
```

Border

The CSS property to change the border of an element to Hex 423C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

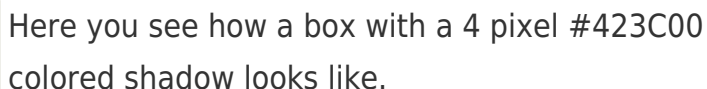
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#423C00 }
```

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

```
.border{ border-color:#423C00 }
```

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



Here you see how a box with a 4 pixel #423C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #423C00; -webkit-box-shadow:4px 4px  
4px 4px #423C00; box-shadow:4px 4px 4px  
4px #423C00 }
```

Background

The CSS property to change the background color of an element to Hex 423C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#423C00 }
```

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

```
.background{ background-color:#423C00 }
```

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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