

Converting Colors

Hex(00423C)

Have a look what the booklet for
Hex(00423C) contains.

Hex(00423C)	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(00423C)

Conversions

Conversions Part 1

Format	Color
Hex	00423C
RGB	0, 66, 60
RGB Percent	0%, 26%, 24%
CMY	1.0000, 0.7412, 0.7647
CMYK	1.00, 0.00, 0.09, 0.74
HSL	175°, 100%, 13%
HSV	175°, 100%, 26%
XYZ	2.7638, 4.2227, 4.9444
YIQ	45.5820, -37.4100, -15.8580

Conversions

Conversions Part 2

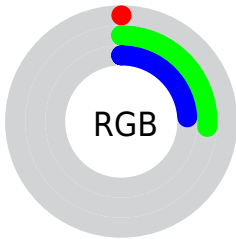
Format	Color
R_{YB}	0, 35, 66
Decimal	16956
CIE _{Lab}	24.39, -20.36, -1.71
CIE _{LCh}	24, 20.431, 184.795
Yxy	4.2227, 0.2317, 0.3539
Android (android.graphics.Color)	4278207036 (0xFF00423C)
YUV	45.5820, 7.1081, -39.9754
Hunter-Lab	20.5491, -11.9531, 0.1186

Details

The Hex color **00423C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **420006**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3B726B**, and **001812** is the 20% darker color. If you saturate the color by 10%, you get **00423C**, and if you desaturate by 10%, it is **07423D**.

Distribution



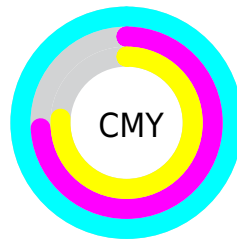
- Red (0%)
- Green (26%)
- Blue (24%)



- Red (0%)
- Yellow (14%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00423C 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 00423C by changing the saturation by 10% instead.

 00423C

 00423C

 F9FFFF

 002B26

 3B726B

 001812

 548C84

 000000

 6EA79E

 88C2B9

 A4DED5

 BFFBF1

 DCFFFF

 00423C

■ 07423D

■ 0D423D

■ 14423E

■ 1A423E

■ 21423F

■ 284240

■ 2E4240

■ 354241

■ 3B4241

Harmonies

Analogous

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



1D412C



00423C



00414B

Triad

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



00423C



3F3553



4E341E

Complementary

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



00423C



420006

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.



563029



00423C



4F3047

Square

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



00423C



263B58



572E38



413A1B

Rectangle

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



00423C



004053



572E38



513321

Sweetspot

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



00423C



3D5754



074200



1C2B2A



ABABAB



2B2B2B

Same Dimension

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



00423C



00574F



002842



1E2121



006158



00E0CC

Inverse Universe

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



420006



570008



421A00



211E1E



610009



E00014

Previews

White Background



This preview shows how the Hex color 00423C 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

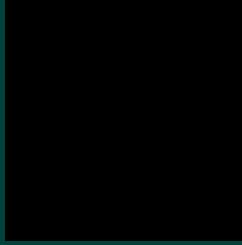
Any Text WCAG AA × Fail

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 00423C Background



This preview shows how black text looks on a background with the Hex color 00423C.



This preview shows how white text looks on a background with the Hex color 00423C.

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
00423C

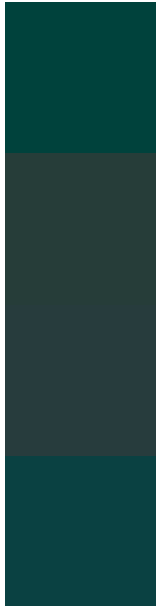
Protanopia
3C3A38

Deuteranopia
3E393E



Tritanopia
104146

Trichromacy



Original Color
00423C

Protanomaly
263D39

Deuteranomaly
273C3D

Tritanomaly
0A4142

Monochromacy



Original Color
00423C

Achromatopsia
2E2E2E

Achromatomaly
1D3533

CSS Examples

Text

The CSS property to change the color of the text to Hex 00423C 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 #00423C looks like.

```
.text, #text, p{  
    color:#00423C  
}
```

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 #00423C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00423C
}
```

Border

The CSS property to change the border of an element to Hex 00423C 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
#00423C }
```

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

```
.border{ border-color:#00423C }
```

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

Here you see how a box with a 4 pixel #00423C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00423C; -webkit-box-shadow:4px 4px  
4px 4px #00423C; box-shadow:4px 4px 4px  
4px #00423C }
```

Background

The CSS property to change the background color of an element to Hex 00423C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00423C }
```

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

```
.background{ background-color:#00423C }
```

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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