

Converting Colors

Hex(00423A)

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

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Color

Hex(00423A)

Conversions

Conversions Part 1

Format	Color
Hex	00423A
RGB	0, 66, 58
RGB Percent	0%, 26%, 23%
CMY	1.0000, 0.7412, 0.7725
CMYK	1.00, 0.00, 0.12, 0.74
HSL	173°, 100%, 13%
HSV	173°, 100%, 26%
XYZ	2.7119, 4.2019, 4.6711
YIQ	45.3540, -36.7680, -16.4800

Conversions

Conversions Part 2

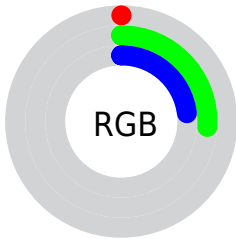
Format	Color
RYB	0, 35, 66
Decimal	16954
CIELab	24.33, -21.04, -0.48
CIELCh	24, 21.047, 181.314
Yxy	4.2019, 0.2341, 0.3627
Android (android.graphics.Color)	4278207034 (0xFF00423A)
YUV	45.3540, 6.2345, -39.7755
Hunter-Lab	20.4986, -12.2572, 0.8383

Details

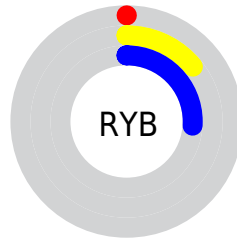
The Hex color **00423A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **420008**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3A7269**, and **00180F** is the 20% darker color. If you saturate the color by 10%, you get **00423A**, and if you desaturate by 10%, it is **07423B**.

Distribution



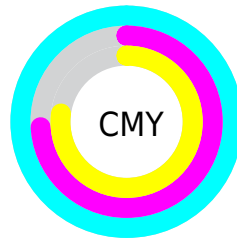
- Red (0%)
- Green (26%)
- Blue (23%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (77%)

Brightness & Saturation Gradients

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

 00423A

 00423A

 F8FFFF

 002B24

 3A7269

 00180F

 548C82

 000000

 6EA79C

 88C2B7

 A3DED3

 BFFBEF

 DBFFFF

 00423A

■ 07423B

■ 0D423C

■ 14423C

■ 1A423D

■ 21423E

■ 28423F

■ 2E4240

■ 354240

■ 3B4241

Harmonies

Analogous

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



1F412A



00423A



00424A

Triad

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



00423A



3C3555



50341E

Complementary

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



00423A



420008

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.



572F2A



00423A



4E3049

Square

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



00423A



213B59



572D3A



43391A

Rectangle

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



00423A



004052



572D3A



533222

Sweetspot

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



00423A



3D5754



094200



1C2B29



ABABAB



2B2B2B

Same Dimension

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



00423A



00574C



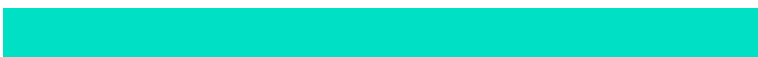
002A42



1E2121



006155



00E0C5

Inverse Universe

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



420008



57000B



421800



211E1E



61000C



E0001B

Previews

White Background



This preview shows how the Hex color 00423A looks on a white background.

Color Contrast Check

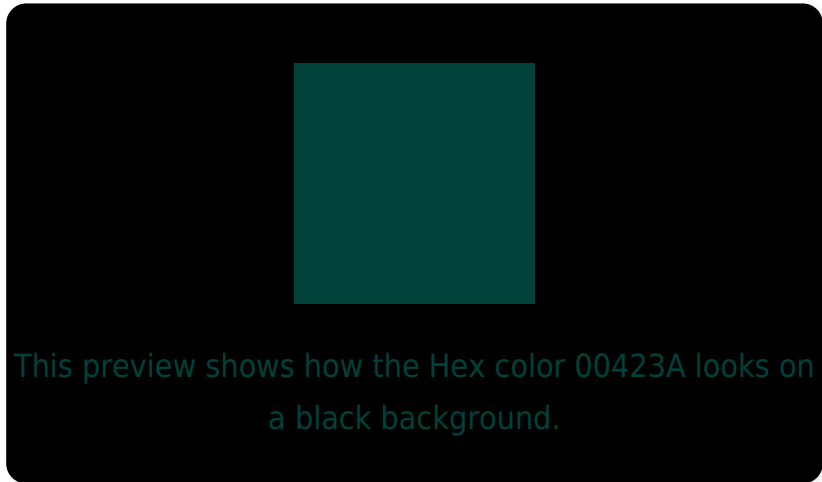
Large Text (above 18pt) WCAG AA ✓ Pass

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

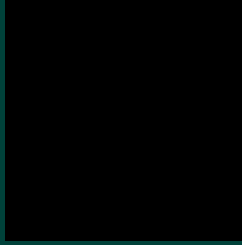
Any Text WCAG AA × Fail

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 00423A Background



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



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

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
00423A

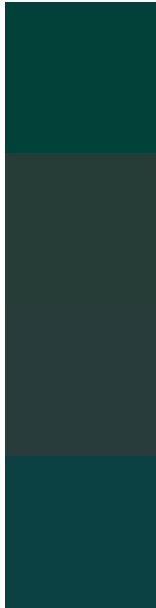
Protanopia
3C3A36

Deuteranopia
3F383C



Tritanopia
124046

Trichromacy



Original Color
00423A

Protanomaly
263D37

Deuteranomaly
283C3B

Tritanomaly
0B4142

Monochromacy



Original Color
00423A

Achromatopsia
2D2D2D

Achromatomaly
1D3532

CSS Examples

Text

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

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

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 #00423A colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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