

Converting Colors

Hex(00423F)

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

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Color

Hex(00423F)

Conversions

Conversions Part 1

Format	Color
Hex	00423F
RGB	0, 66, 63
RGB Percent	0%, 26%, 25%
CMY	1.0000, 0.7412, 0.7529
CMYK	1.00, 0.00, 0.05, 0.74
HSL	177°, 100%, 13%
HSV	177°, 100%, 26%
XYZ	2.8454, 4.2553, 5.3740
YIQ	45.9240, -38.3730, -14.9250

Conversions

Conversions Part 2

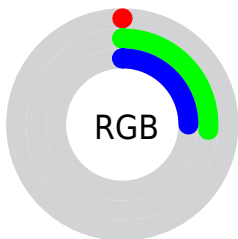
Format	Color
RYB	0, 34, 66
Decimal	16959
CIELab	24.50, -19.31, -3.54
CIELCh	24, 19.630, 190.385
Yxy	4.2553, 0.2281, 0.3411
Android (android.graphics.Color)	4278207039 (0xFF00423F)
YUV	45.9240, 8.4185, -40.2753
Hunter-Lab	20.6284, -11.4780, -1.0061

Details

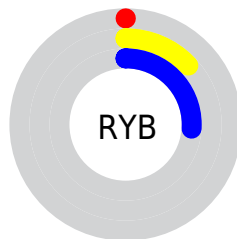
The Hex color **00423F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **420003**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3B726F**, and **001915** is the 20% darker color. If you saturate the color by 10%, you get **00423F**, and if you desaturate by 10%, it is **07423F**.

Distribution



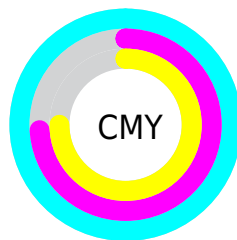
- Red (0%)
- Green (26%)
- Blue (25%)



- Red (0%)
- Yellow (13%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (75%)

Brightness & Saturation Gradients

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

 00423F

 00423F

 F9FFFF

 002C29

 3B726F

 001915

 558C88

 000000

 6FA7A2

 89C2BD

 A4DED9

 C0FAF5

 DCFFFF

 00423F

■ 07423F

■ 0D4240

■ 144240

■ 1A4240

■ 214241

■ 284241

■ 2E4241

■ 354241

■ 3B4242

Harmonies

Analogous

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



1B4130



00423F



00414D

Triad

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



00423F



423451



4C361E

Complementary

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



00423F



420003

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.



543128



00423F



513044

Square

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



00423F



2D3A57



572E36



3F3B1D

Rectangle

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



00423F



024054



572E36



4F3421

Sweetspot

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



00423F



3D5756



034200



1C2B2B



ABABAB



2B2B2B

Same Dimension

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



00423F



005753



002442



1E2121



00615C



00E0D6

Inverse Universe

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



420003



570004



421E00



211E1E



610004



E0000A

Previews

White Background



This preview shows how the Hex color 00423F 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

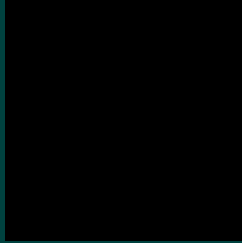
Any Text WCAG AA × Fail

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 00423F Background



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



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

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
00423F

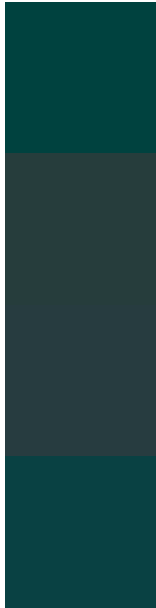
Protanopia
3C3A3A

Deuteranopia
3D3941



Tritanopia
0E4146

Trichromacy



Original Color
00423F

Protanomaly
263D3C

Deuteranomaly
273C40

Tritanomaly
094143

Monochromacy



Original Color
00423F

Achromatopsia
2E2E2E

Achromatomaly
1D3534

CSS Examples

Text

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

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

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 #00423F colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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