

# Converting Colors

Hex(00403E)

Have a look what the booklet for  
Hex(00403E) contains.

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# Color

**Hex(00403E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00403E
RGB	0, 64, 62
RGB Percent	0%, 25%, 24%
CMY	1.0000, 0.7490, 0.7569
CMYK	1.00, 0.00, 0.03, 0.75
HSL	178°, 100%, 13%
HSV	178°, 100%, 25%
XYZ	2.7029, 4.0146, 5.1899
YIQ	44.6360, -37.5020, -14.1900

# Conversions

## Conversions Part 2

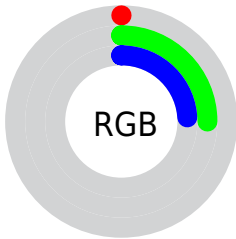
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 33, 64</a>
Decimal	<a href="#">16446</a>
CIELab	<a href="#">23.72, -18.59, -4.03</a>
CIELCh	<a href="#">24, 19.022, 192.241</a>
Yxy	<a href="#">4.0146, 0.2270, 0.3372</a>
Android (android.graphics.Color)	<a href="#">4278206526 (0xFF00403E)</a>
YUV	<a href="#">44.6360, 8.5605, -39.1458</a>
Hunter-Lab	<a href="#">20.0364, -10.9843, -1.3319</a>

# Details

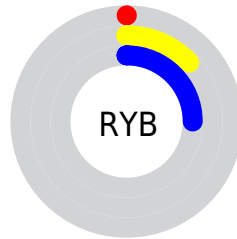
The Hex color **00403E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **400002**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3A706D**, and **001614** is the 20% darker color. If you saturate the color by 10%, you get **00403E**, and if you desaturate by 10%, it is **06403E**.

# Distribution



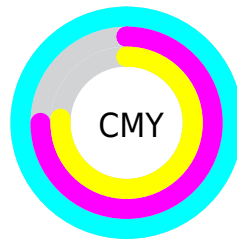
- Red (0%)
- Green (25%)
- Blue (24%)



- Red (0%)
- Yellow (13%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00403E 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 00403E by changing the saturation by 10% instead.



 00403E

 00403E

 F8FFFF

 002A28

 3A706D

 001614

 548A87

 000000

 6EA4A1

 88BFBC

 A3DBD8

 BFF8F4

 DBFFFF

 00403E

■ 06403E

■ 0D403E

■ 13403F

■ 1A403F

■ 20403F

■ 26403F

■ 2D403F

■ 334040

■ 3A4040

# Harmonies

## Analogous

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



193F2F



00403E



003F4B

# Triad

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



00403E



41334E



49351D

# Complementary

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



00403E



400002

# 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.



513026



00403E



4F2E41

# Square

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



00403E



2D3854



542D33



3C391C

# Rectangle

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



00403E



053D51



542D33



4C3320



# Sweetspot

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



00403E



3B5453



024000



1C2B2B



ABABAB



2B2B2B



# Same Dimension

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



00403E



005452



002240



1E2121



00615E



00E0D9



# Inverse Universe

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



400002



540003



401E00



211E1E



610003



E00007



# Previews

## White Background



This preview shows how the Hex color 00403E looks on a white background.

## Color Contrast Check

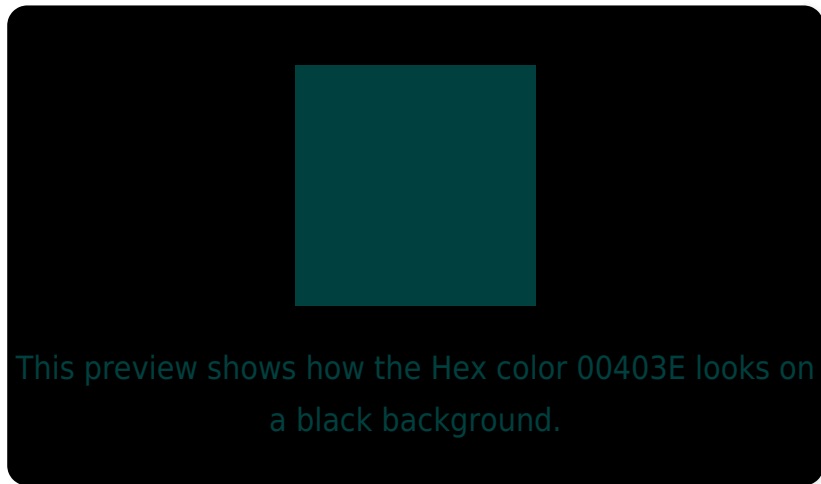
Large Text (above 18pt) WCAG AA ✓ Pass

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

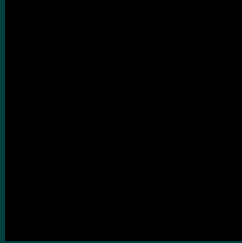
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00403E Background



This preview shows how black text looks on a background with the Hex color 00403E.



This preview shows how white text looks on a background with the Hex color 00403E.

# 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**  
00403E

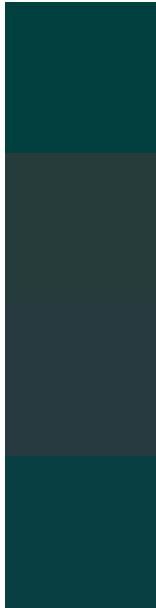
**Protanopia**  
3A393A

**Deuteranopia**  
3B3740



**Tritanopia**  
0D3F44

# Trichromacy



**Original Color**  
00403E

**Protanomaly**  
253C3B

**Deuteranomaly**  
263A3F

**Tritanomaly**  
083F42

# Monochromacy



**Original Color**  
00403E

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
1D3433

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00403E 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 #00403E looks like.

```
.text, #text, p{  
    color:#00403E  
}
```

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 #00403E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00403E
}
```

## Border

The CSS property to change the border of an element to Hex 00403E 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
#00403E }
```

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

```
.border{ border-color:#00403E }
```

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

Here you see how a box with a 4 pixel #00403E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00403E; -webkit-box-shadow:4px 4px  
4px 4px #00403E; box-shadow:4px 4px 4px  
4px #00403E }
```

# Background

The CSS property to change the background color of an element to Hex 00403E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00403E }
```

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

```
.background{ background-color:#00403E }
```

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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