

Converting Colors

Hex(00403F)

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

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Color

Hex(00403F)

Conversions

Conversions Part 1

Format	Color
Hex	00403F
RGB	0, 64, 63
RGB Percent	0%, 25%, 25%
CMY	1.0000, 0.7490, 0.7529
CMYK	1.00, 0.00, 0.02, 0.75
HSL	179°, 100%, 13%
HSV	179°, 100%, 25%
XYZ	2.7306, 4.0257, 5.3357
YIQ	44.7500, -37.8230, -13.8790

Conversions

Conversions Part 2

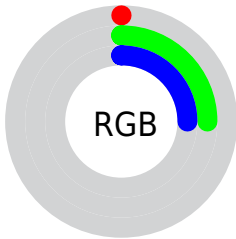
Format	Color
RYB	0, 32, 64
Decimal	16447
CIELab	23.76, -18.23, -4.64
CIELCh	24, 18.809, 194.292
Yxy	4.0257, 0.2258, 0.3329
Android (android.graphics.Color)	4278206527 (0xFF00403F)
YUV	44.7500, 8.9972, -39.2458
Hunter-Lab	20.0641, -10.8194, -1.7224

Details

The Hex color **00403F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **400001**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3A706F**, and **001615** is the 20% darker color. If you saturate the color by 10%, you get **00403F**, and if you desaturate by 10%, it is **06403F**.

Distribution



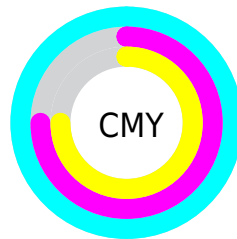
- Red (0%)
- Green (25%)
- Blue (25%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (75%)



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

Brightness & Saturation Gradients

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

 00403F

 00403F

 F9FFFF

 002A29

 3A706F

 001615

 548A88

 000000

 6EA4A2

 88BFBD

 A3DBD9

 BFF8F5

 DCFFFF

 00403F

■ 06403F

■ 0D403F

■ 13403F

■ 1A403F

■ 204040

■ 264040

■ 2D4040

■ 334040

■ 3A4040

Harmonies

Analogous

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



193F30



00403F



003F4C

Triad

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



00403F



43324D



48351D

Complementary

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



00403F



400001

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.



513025



00403F



4F2E41

Square

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



00403F



2F3854



542E32



3B3A1D

Rectangle

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



00403F



093D52



542E32



4C331F

Sweetspot

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



00403F



3B5454



014000



1C2B2B



ABABAB



2B2B2B

Same Dimension

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



00403F



005453



002140



1E2121



00615F



00E0DD

Inverse Universe

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



400001



540001



401F00



211E1E



610002



E00004

Previews

White Background



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

Color Contrast Check

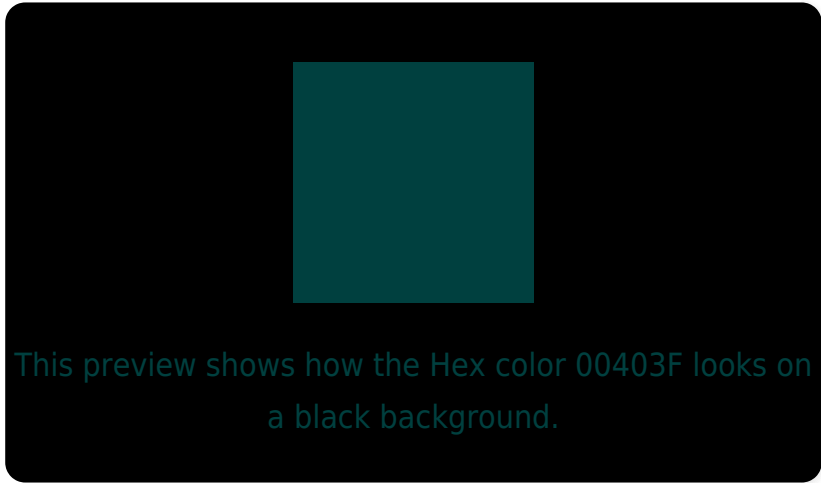
Large Text (above 18pt) WCAG AA ✓ Pass

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

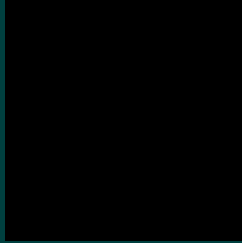
Any Text WCAG AA × Fail

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 00403F Background



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



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

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
00403F

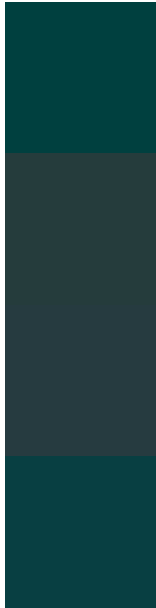
Protanopia
3A393B

Deuteranopia
3B3841



Tritanopia
0D3F44

Trichromacy



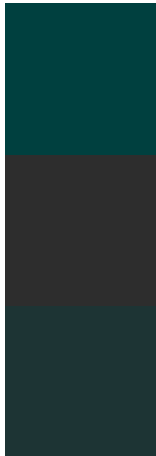
Original Color
00403F

Protanomaly
253C3C

Deuteranomaly
263B40

Tritanomaly
083F42

Monochromacy



Original Color
00403F

Achromatopsia
2D2D2D

Achromatomaly
1D3434

CSS Examples

Text

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

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

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 #00403F colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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