

Converting Colors

Hex(00443D)

Have a look what the booklet for
Hex(00443D) contains.

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Color

Hex(00443D)

Conversions

Conversions Part 1

Format	Color
Hex	00443D
RGB	0, 68, 61
RGB Percent	0%, 27%, 24%
CMY	1.0000, 0.7333, 0.7608
CMYK	1.00, 0.00, 0.10, 0.73
HSL	174°, 100%, 13%
HSV	174°, 100%, 27%
XYZ	2.9094, 4.4712, 5.1246
YIQ	46.8700, -38.2810, -16.5930

Conversions

Conversions Part 2

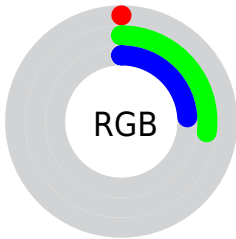
Format	Color
RYB	0, 36, 68
Decimal	17469
CIELab	25.17, -21.06, -1.22
CIELCh	25, 21.091, 183.327
Yxy	4.4712, 0.2327, 0.3575
Android (android.graphics.Color)	4278207549 (0xFF00443D)
YUV	46.8700, 6.9661, -41.1050
Hunter-Lab	21.1451, -12.4436, 0.4326

Details

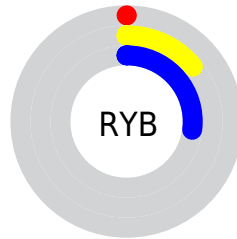
The Hex color **00443D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **440007**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3B756C**, and **001B13** is the 20% darker color. If you saturate the color by 10%, you get **00443D**, and if you desaturate by 10%, it is **07443E**.

Distribution



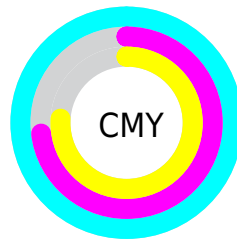
- Red (0%)
- Green (27%)
- Blue (24%)



- Red (0%)
- Yellow (14%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00443D 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 00443D by changing the saturation by 10% instead.

 00443D

 00443D

 FAFFFF

 002D27

 3B756C

 001B13

 558E86

 000000

 6FA9A0

 89C4BB

 A5E0D6

 C0DFD3

 DDFDFF

 00443D

■ 07443E

■ 0E443E

■ 14443F

■ 1B4440

■ 224440

■ 294441

■ 304442

■ 364443

■ 3D4443

Harmonies

Analogous

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



1F432D



00443D



00444D

Triad

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



00443D



403756



51361F

Complementary

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



00443D



440007

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.



59312B



00443D



51314A

Square

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



00443D



263D5B



592F3B



443B1B

Rectangle

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



00443D



004255



592F3B



543423

Sweetspot

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



00443D



3E5956



084400



1D2E2C



ADADAD



2E2E2E

Same Dimension

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



00443D



005950



002A44



1E2121



006157



00E0C9

Inverse Universe

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



440007



590009



441A00



211E1E



61000A



E00017

Previews

White Background



This preview shows how the Hex color 00443D looks on a white background.

Color Contrast Check

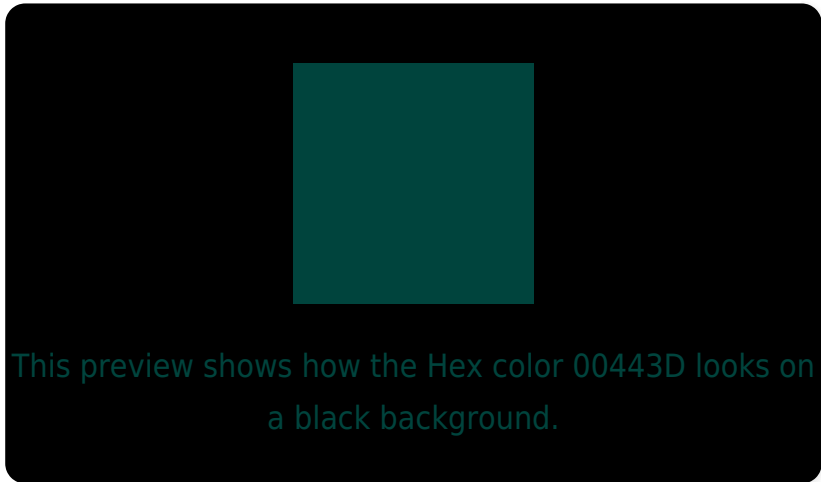
Large Text (above 18pt) WCAG AA ✓ Pass

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

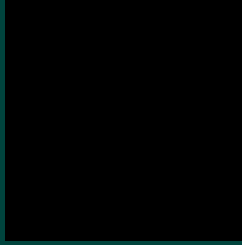
Any Text WCAG AA × Fail

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 00443D Background



This preview shows how black text looks on a background with the Hex color 00443D.



This preview shows how white text looks on a background with the Hex color 00443D.

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](#).

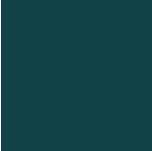
Dichromacy



Original Color
00443D

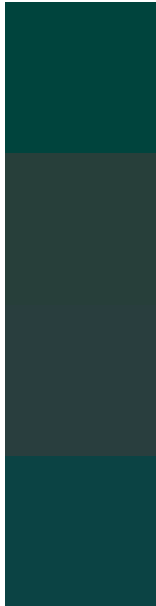
Protanopia
3E3C38

Deuteranopia
413A3F



Tritanopia
114248

Trichromacy



Original Color
00443D

Protanomaly
273F3A

Deuteranomaly
293E3E

Tritanomaly
0B4344

Monochromacy



Original Color
00443D

Achromatopsia
2F2F2F

Achromatomaly
1E3734

CSS Examples

Text

The CSS property to change the color of the text to Hex 00443D 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 #00443D looks like.

```
.text, #text, p{  
    color:#00443D  
}
```

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 #00443D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00443D
}
```

Border

The CSS property to change the border of an element to Hex 00443D 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
#00443D }
```

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

```
.border{ border-color:#00443D }
```

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

Here you see how a box with a 4 pixel #00443D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00443D; -webkit-box-shadow:4px 4px  
4px 4px #00443D; box-shadow:4px 4px 4px  
4px #00443D }
```

Background

The CSS property to change the background color of an element to Hex 00443D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00443D }
```

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

```
.background{ background-color:#00443D }
```

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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