

# Converting Colors

Hex(00443A)

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

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# Color

**Hex(00443A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00443A
RGB	0, 68, 58
RGB Percent	0%, 27%, 23%
CMY	1.0000, 0.7333, 0.7725
CMYK	1.00, 0.00, 0.15, 0.73
HSL	171°, 100%, 13%
HSV	171°, 100%, 27%
XYZ	2.8308, 4.4397, 4.7107
YIQ	46.5280, -37.3180, -17.5260

# Conversions

## Conversions Part 2

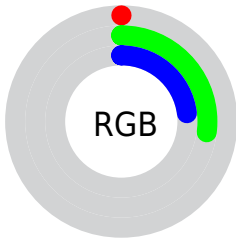
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 37, 68
Decimal	17466
CIELab	25.07, -22.06, 0.61
CIELCh	25, 22.068, 178.422
Yxy	4.4397, 0.2363, 0.3706
Android (android.graphics.Color)	4278207546 (0xFF00443A)
YUV	46.5280, 5.6557, -40.8051
Hunter-Lab	21.0707, -12.8922, 1.4941

# Details

The Hex color **00443A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **44000A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3B7569**, and **001B0F** is the 20% darker color. If you saturate the color by 10%, you get **00443A**, and if you desaturate by 10%, it is **07443B**.

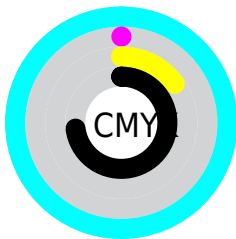
# Distribution



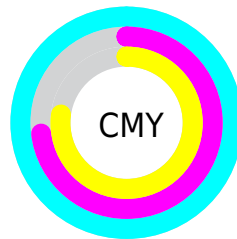
- Red (0%)
- Green (27%)
- Blue (23%)



- Red (0%)
- Yellow (15%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (77%)

# Brightness & Saturation Gradients

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



 00443A

 00443A

 F9FFFF

 002D24

 3B7569

 001B0F

 548E82

 000000

 6EA99C

 89C4B7

 A4E1D3

 C0FDEF

 DCFFFF

 00443A

■ 07443B

■ 0E443C

■ 14443D

■ 1B443E

■ 22443F

■ 294440

■ 304441

■ 364442

■ 3D4443

# Harmonies

## Analogous

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



214229



00443A



00444B

# Triad

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



00443A



3C3759



53341F

# Complementary

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



00443A



44000A

# 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.



5B2F2D



00443A



4F314D

# Square

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



00443A



1E3D5D



5A2E3D



463A19

# Rectangle

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



00443A



004354



5A2E3D



573223



# Sweetspot

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



00443A



3E5955



0A4400



1D2E2B



ADADAD



2E2E2E



# Same Dimension

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



00443A



00594C



002C44



1E2121



006153



00E0BF



# Inverse Universe

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



44000A



59000D



441800



211E1E



61000E



E00021



# Previews

## White Background



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

## Color Contrast Check

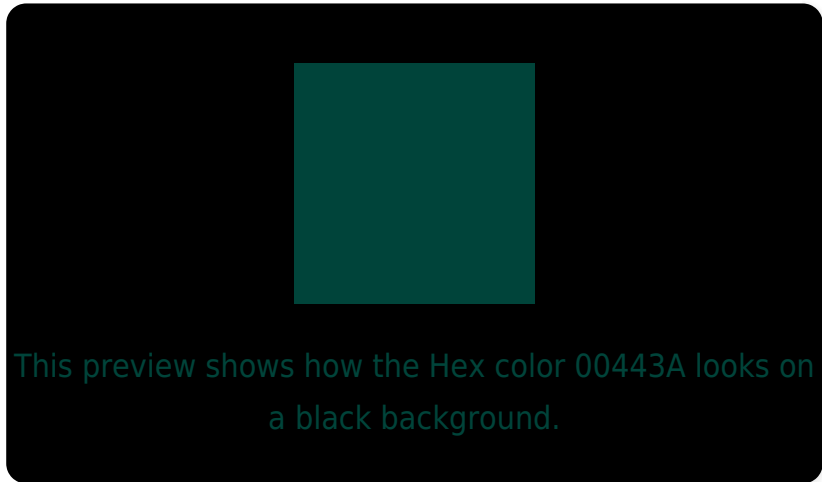
Large Text (above 18pt) WCAG AA ✓ Pass

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

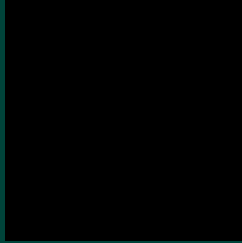
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00443A Background



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



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

# 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**  
00443A

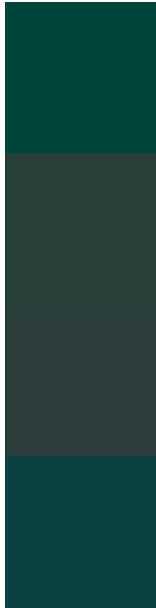
**Protanopia**  
3E3C36

**Deuteranopia**  
413A3C



**Tritanopia**  
134247

# Trichromacy



**Original Color**  
00443A

**Protanomaly**  
273F37

**Deuteranomaly**  
293E3B

**Tritanomaly**  
0C4342

# Monochromacy



**Original Color**  
00443A

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
1E3733

# CSS Examples

## Text

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

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

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 #00443A colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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