

Converting Colors

Hex(00463B)

Have a look what the booklet for
Hex(00463B) contains.

Hex(00463B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00463B)

Conversions

Conversions Part 1

Format	Color
Hex	00463B
RGB	0, 70, 59
RGB Percent	0%, 27%, 23%
CMY	1.0000, 0.7255, 0.7686
CMYK	1.00, 0.00, 0.16, 0.73
HSL	171°, 100%, 14%
HSV	171°, 100%, 27%
XYZ	2.9796, 4.6961, 4.8871
YIQ	47.8160, -38.1890, -18.2610

Conversions

Conversions Part 2

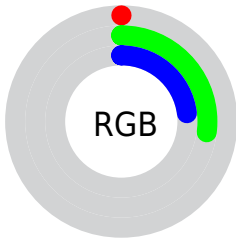
Format	Color
RYB	0, 38, 70
Decimal	17979
CIELab	25.85, -22.74, 1.08
CIELCh	26, 22.761, 177.280
Yxy	4.6961, 0.2372, 0.3738
Android (android.graphics.Color)	4278208059 (0xFF00463B)
YUV	47.8160, 5.5137, -41.9346
Hunter-Lab	21.6705, -13.3805, 1.7984

Details

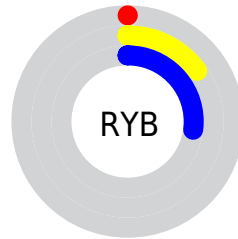
The Hex color **00463B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46000B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **3C776A**, and **001C10** is the 20% darker color. If you saturate the color by 10%, you get **00463B**, and if you desaturate by 10%, it is **07463C**.

Distribution



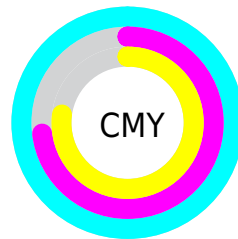
- Red (0%)
- Green (27%)
- Blue (23%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00463B 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 00463B by changing the saturation by 10% instead.

 00463B

 00463B

 FAFFFF

 002F25

 3C776A

 001C10

 559183

 000000

 6FAB9D

 8AC7B8

 A5E3D4

 C1FFF0

 DDFFFF

 00463B

■ 07463C

■ 0E463D

■ 15463E

■ 1C463F

■ 234641

■ 2A4642

■ 314643

■ 384644

■ 3F4645

Harmonies

Analogous

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



23442A



00463B



00464C

Triad

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



00463B



3C395C



563521

Complementary

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



00463B



46000B

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.



5E302E



00463B



513350

Square

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



00463B



1C3F60



5C2F3F



493C1A

Rectangle

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



00463B



004556



5C2F3F



5A3425

Sweetspot

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



00463B



405C57



0C4600



1D2E2B



ADADAD



2E2E2E

Same Dimension

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



00463B



005C4D



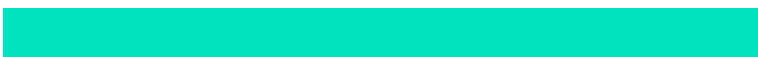
002F46



202423



006354



00E3BF

Inverse Universe

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



46000B



5C000E



461700



242021



630010



E30024

Previews

White Background



This preview shows how the Hex color 00463B looks on a white background.

Color Contrast Check

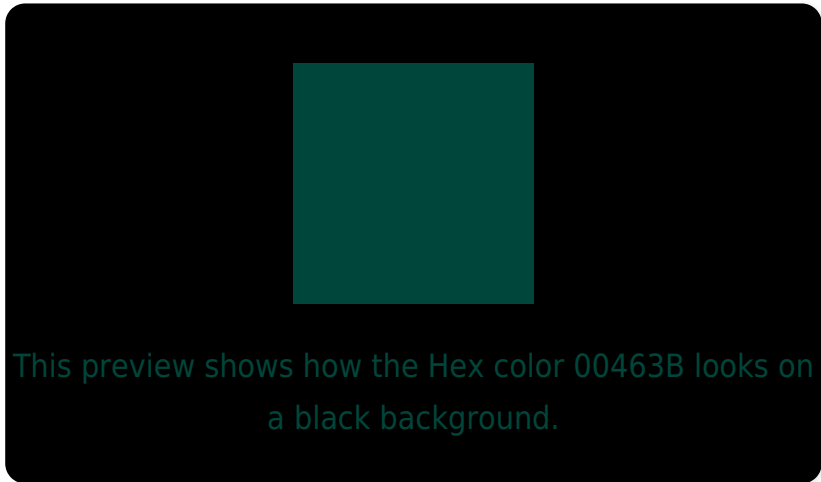
Large Text (above 18pt) WCAG AA ✓ Pass

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

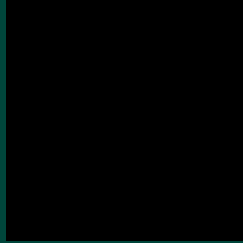
Any Text WCAG AA × Fail

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 00463B Background



This preview shows how black text looks on a background with the Hex color 00463B.



This preview shows how white text looks on a background with the Hex color 00463B.

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
00463B

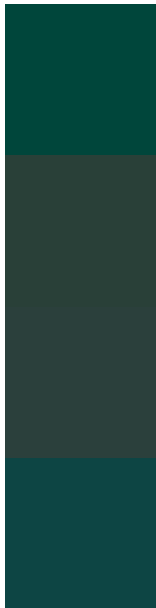
Protanopia
403D36

Deuteranopia
443C3D



Tritanopia
144449

Trichromacy



Original Color
00463B

Protanomaly
294038

Deuteranomaly
2B403C

Tritanomaly
0D4544

Monochromacy



Original Color
00463B

Achromatopsia
303030

Achromatomaly
1F3834

CSS Examples

Text

The CSS property to change the color of the text to Hex 00463B 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 #00463B looks like.

```
.text, #text, p{  
    color:#00463B  
}
```

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 #00463B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00463B
}
```

Border

The CSS property to change the border of an element to Hex 00463B 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
#00463B }
```

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

```
.border{ border-color:#00463B }
```

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

Here you see how a box with a 4 pixel #00463B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00463B; -webkit-box-shadow:4px 4px  
4px 4px #00463B; box-shadow:4px 4px 4px  
4px #00463B }
```

Background

The CSS property to change the background color of an element to Hex 00463B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00463B }
```

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

```
.background{ background-color:#00463B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor