

Converting Colors

Hex(00453C)

Have a look what the booklet for
Hex(00453C) contains.

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Color

Hex(00453C)

Conversions

Conversions Part 1

Format	Color
Hex	00453C
RGB	0, 69, 60
RGB Percent	0%, 27%, 24%
CMY	1.0000, 0.7294, 0.7647
CMYK	1.00, 0.00, 0.13, 0.73
HSL	172°, 100%, 14%
HSV	172°, 100%, 27%
XYZ	2.9437, 4.5825, 5.0043
YIQ	47.3430, -38.2350, -17.4270

Conversions

Conversions Part 2

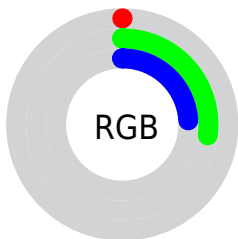
Format	Color
RYB	0, 37, 69
Decimal	17724
CIELab	25.51, -21.90, -0.07
CIELCh	26, 21.904, 180.185
Yxy	4.5825, 0.2349, 0.3657
Android (android.graphics.Color)	4278207804 (0xFF00453C)
YUV	47.3430, 6.2399, -41.5198
Hunter-Lab	21.4067, -12.9155, 1.1243

Details

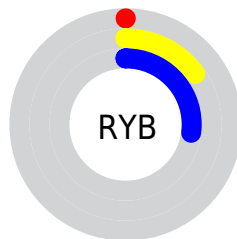
The Hex color **00453C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **450009**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3B766B**, and **001C12** is the 20% darker color. If you saturate the color by 10%, you get **00453C**, and if you desaturate by 10%, it is **07453D**.

Distribution



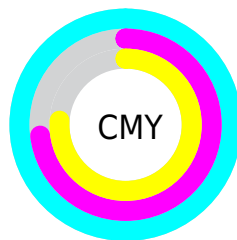
- Red (0%)
- Green (27%)
- Blue (24%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00453C 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 00453C by changing the saturation by 10% instead.

 00453C

 00453C

 FAFFFF

 002E26

 3B766B

 001C12

 559084

 000000

 6FAA9E

 8AC6B9

 A5E2D5

 C1FEF1

 DDFFFF

 00453C

■ 07453D

■ 0E453E

■ 15453F

■ 1C4540

■ 234541

■ 294541

■ 304542

■ 374543

■ 3E4544

Harmonies

Analogous

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



21442B



00453C



00454D

Triad

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



00453C



3E3859



543620

Complementary

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



00453C



450009

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.



5B312D



00453C



51324D

Square

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



00453C



213E5D



5B2F3D



473C1B

Rectangle

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



00453C



004355



5B2F3D



573424

Sweetspot

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



00453C



3E5956



094500



1D2E2C



ADADAD



2E2E2E

Same Dimension

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



00453C



00594E



002C45



202423



006356



00E3C5

Inverse Universe

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



450009



59000C



451900



242021



63000D



E3001E

Previews

White Background



This preview shows how the Hex color 00453C looks on a white background.

Color Contrast Check

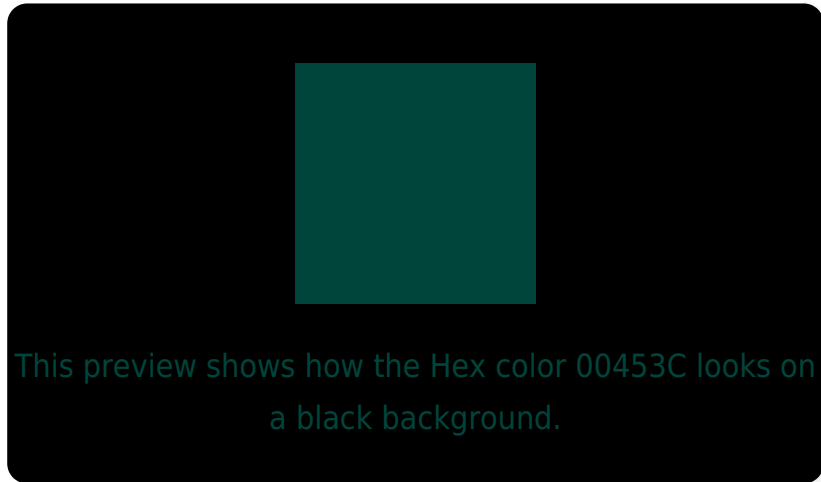
Large Text (above 18pt) WCAG AA ✓ Pass

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

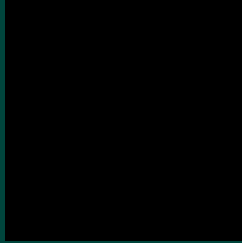
Any Text WCAG AA × Fail

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 00453C Background



This preview shows how black text looks on a background with the Hex color 00453C.



This preview shows how white text looks on a background with the Hex color 00453C.

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](#).

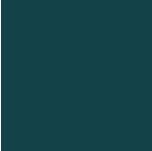
Dichromacy



Original Color
00453C

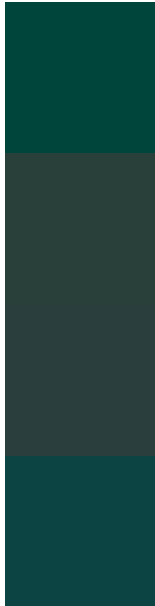
Protanopia
3F3D37

Deuteranopia
423B3E



Tritanopia
134349

Trichromacy



Original Color
00453C

Protanomaly
284039

Deuteranomaly
2A3F3D

Tritanomaly
0C4444

Monochromacy



Original Color
00453C

Achromatopsia
2F2F2F

Achromatomaly
1E3734

CSS Examples

Text

The CSS property to change the color of the text to Hex 00453C 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 #00453C looks like.

```
.text, #text, p{  
    color:#00453C  
}
```

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 #00453C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00453C
}
```

Border

The CSS property to change the border of an element to Hex 00453C 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
#00453C }
```

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

```
.border{ border-color:#00453C }
```

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

Here you see how a box with a 4 pixel #00453C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00453C; -webkit-box-shadow:4px 4px  
4px 4px #00453C; box-shadow:4px 4px 4px  
4px #00453C }
```

Background

The CSS property to change the background color of an element to Hex 00453C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00453C }
```

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

```
.background{ background-color:#00453C }
```

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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