

# Converting Colors

Hex(004E3F)

Have a look what the booklet for  
Hex(004E3F) contains.

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# Color

Hex(004E3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	004E3F
RGB	0, 78, 63
RGB Percent	0%, 31%, 25%
CMY	1.0000, 0.6941, 0.7529
CMYK	1.00, 0.00, 0.19, 0.69
HSL	168°, 100%, 15%
HSV	168°, 100%, 31%
XYZ	3.6216, 5.8077, 5.6327
YIQ	52.9680, -41.6730, -21.2010

# Conversions

## Conversions Part 2

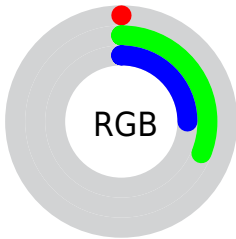
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 43, 78
Decimal	20031
CIELab	28.92, -25.38, 2.93
CIELCh	29, 25.547, 173.415
Yxy	5.8077, 0.2404, 0.3856
Android (android.graphics.Color)	4278210111 (0xFF004E3F)
YUV	52.9680, 4.9458, -46.4529
Hunter-Lab	24.0991, -15.3486, 3.0114

# Details

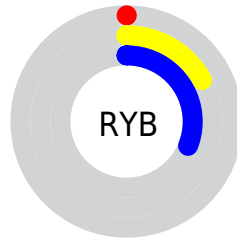
The Hex color **004E3F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4E000F**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **3E806F**, and **002215** is the 20% darker color. If you saturate the color by 10%, you get **004E3F**, and if you desaturate by 10%, it is **084E41**.

# Distribution



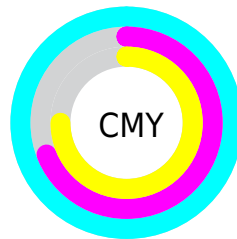
- Red (0%)
- Green (31%)
- Blue (25%)



- Red (0%)
- Yellow (17%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004E3F 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 004E3F by changing the saturation by 10% instead.



 004E3F

 004E3F

FFFFFF

 003729

 3E806F

 002215

 589A88

 000000

 73B5A2

 8ED1BD

 A9EDD9

 C5FFF5

 E2FFFF

 004E3F

■ 084E41

■ 104E42

■ 174E43

■ 1F4E45

■ 274E47

■ 2F4E48

■ 374E4A

■ 3E4E4B

■ 464E4D

# Harmonies

## Analogous

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



294C2C



004E3F



004E53

# Triad

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



004E3F



3F4168



623A25

# Complementary

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



004E3F



4E000F

# 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.



693536



004E3F



58395C

# Square

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



004E3F



16486B



673449



54421C

# Rectangle

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



004E3F



004D5F



673449



66382A



# Sweetspot

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



004E3F



476660



104E00



21332F



B3B3B3



333333



# Same Dimension

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



004E3F



006652



00374E



222626



00E6B9

# Inverse Universe

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



4E000F



660014



4E1700



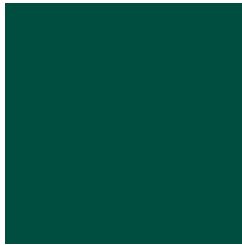
262223



E6002C

# Previews

## White Background



This preview shows how the Hex color 004E3F looks on a white background.

## Color Contrast Check

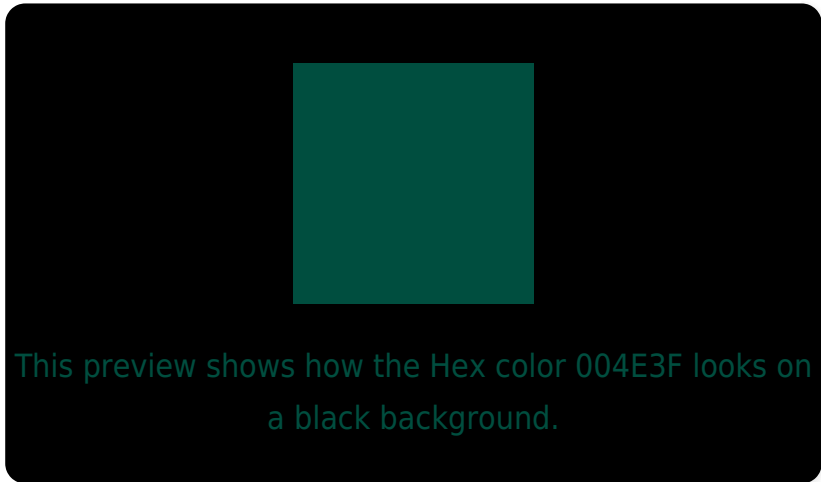
Large Text (above 18pt) WCAG AA ✓ Pass

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

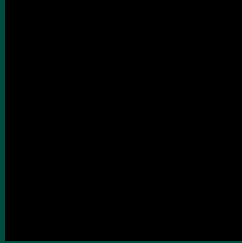
Any Text WCAG AA × Fail

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 004E3F Background



This preview shows how black text looks on a background with the Hex color 004E3F.

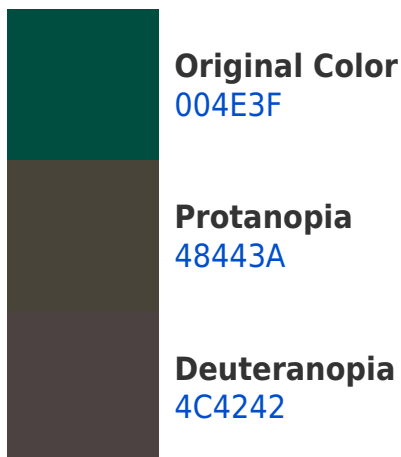


This preview shows how white text looks on a background with the Hex color 004E3F.

# 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

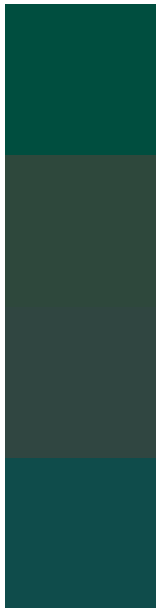






**Tritanopia**  
174B52

# Trichromacy



**Original Color**  
004E3F

**Protanomaly**  
2E483C

**Deuteranomaly**  
304641

**Tritanomaly**  
0F4C4B

# Monochromacy



**Original Color**  
004E3F

**Achromatopsia**  
353535

**Achromatomaly**  
223E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004E3F 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 #004E3F looks like.

```
.text, #text, p{  
    color:#004E3F  
}
```

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 #004E3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E3F
}
```

## Border

The CSS property to change the border of an element to Hex 004E3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

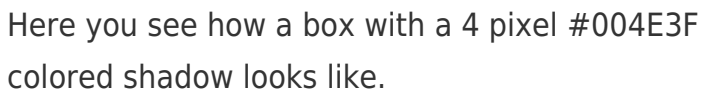
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004E3F }
```

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

```
.border{ border-color:#004E3F }
```

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



Here you see how a box with a 4 pixel #004E3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E3F; -webkit-box-shadow:4px 4px  
4px 4px #004E3F; box-shadow:4px 4px 4px  
4px #004E3F }
```

# Background

The CSS property to change the background color of an element to Hex 004E3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E3F }
```

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

```
.background{ background-color:#004E3F }
```

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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