

# Converting Colors

Hex(004F3F)

Have a look what the booklet for  
Hex(004F3F) contains.

<b>Hex(004F3F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

Hex(004F3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	004F3F
RGB	0, 79, 63
RGB Percent	0%, 31%, 25%
CMY	1.0000, 0.6902, 0.7529
CMYK	1.00, 0.00, 0.20, 0.69
HSL	168°, 100%, 15%
HSV	168°, 100%, 31%
XYZ	3.6932, 5.9508, 5.6566
YIQ	53.5550, -41.9480, -21.7240

# Conversions

## Conversions Part 2

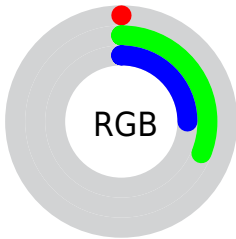
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 44, 79</a>
Decimal	<a href="#">20287</a>
CIELab	<a href="#">29.29, -25.86, 3.46</a>
CIELCh	<a href="#">29, 26.085, 172.386</a>
Yxy	<a href="#">5.9508, 0.2414, 0.3889</a>
Android (android.graphics.Color)	<a href="#">4278210367</a> ( <a href="#">0xFF004F3F</a> )
YUV	<a href="#">53.5550, 4.6564, -46.9677</a>
Hunter-Lab	<a href="#">24.3944, -15.6661, 3.3278</a>

# Details

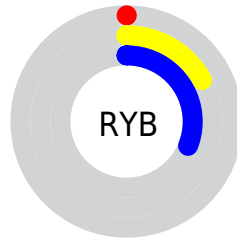
The Hex color **004F3F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4F0010**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **3F816F**, and **002315** is the 20% darker color. If you saturate the color by 10%, you get **004F3F**, and if you desaturate by 10%, it is **084F41**.

# Distribution



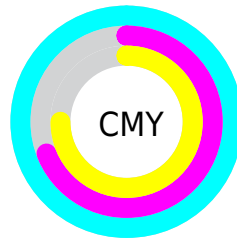
- Red (0%)
- Green (31%)
- Blue (25%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (69%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 004F3F 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 004F3F by changing the saturation by 10% instead.



 004F3F

 004F3F

FFFFFF

 003829

 3F816F

 002315

 599B88

 000000

 73B6A2

 8ED2BD

 A9EED9

 C5FFF5

 E2FFFF

 004F3F

■ 084F41

■ 104F42

■ 184F44

■ 204F45

■ 284F47

■ 2F4F49

■ 374F4A

■ 3F4F4C

■ 474F4D

# Harmonies

## Analogous

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



2A4D2B



004F3F



004F54

# Triad

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



004F3F



3E426A



643B26

# Complementary

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



004F3F



4F0010

# 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.



6B3537



004F3F



593A5E

# Square

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



004F3F



12496D



68354B



56421C

# Rectangle

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



004F3F



004E60



68354B



67382B



# Sweetspot

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



004F3F



476660



114F00



21332F



B3B3B3



333333



# Same Dimension

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



004F3F



006651



00394F



222625



00E6B7

# Inverse Universe

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



4F0010



660015



4F1600



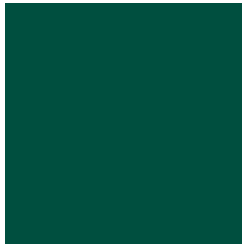
262223



E6002E

# Previews

## White Background



This preview shows how the Hex color 004F3F looks on a white background.

## Color Contrast Check

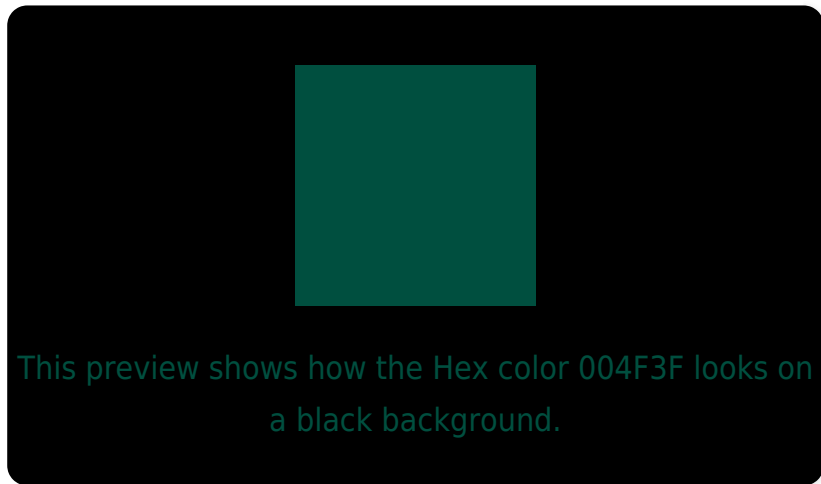
Large Text (above 18pt) WCAG AA ✓ Pass

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

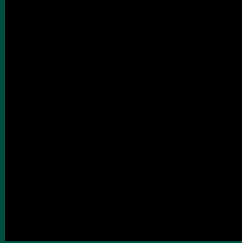
Any Text WCAG AA × Fail

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 004F3F Background



This preview shows how black text looks on a background with the Hex color 004F3F.

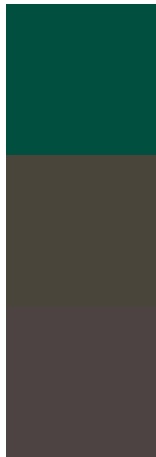


This preview shows how white text looks on a background with the Hex color 004F3F.

# 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

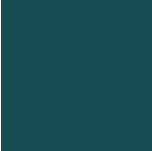


**Original Color**  
004F3F

**Protanopia**  
49453A

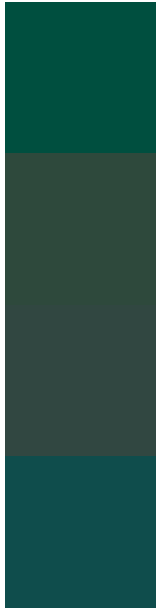
**Deuteranopia**  
4D4342





**Tritanopia**  
184C53

# Trichromacy



**Original Color**  
004F3F

**Protanomaly**  
2E493C

**Deuteranomaly**  
314741

**Tritanomaly**  
0F4D4C

# Monochromacy



**Original Color**  
004F3F

**Achromatopsia**  
363636

**Achromatomaly**  
223F39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004F3F 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 #004F3F looks like.

```
.text, #text, p{  
    color:#004F3F  
}
```

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 #004F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F3F
}
```

## Border

The CSS property to change the border of an element to Hex 004F3F 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
#004F3F }
```

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

```
.border{ border-color:#004F3F }
```

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

Here you see how a box with a 4 pixel #004F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F3F; -webkit-box-shadow:4px 4px  
4px 4px #004F3F; box-shadow:4px 4px 4px  
4px #004F3F }
```

# Background

The CSS property to change the background color of an element to Hex 004F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F3F }
```

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

```
.background{ background-color:#004F3F }
```

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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