

Converting Colors

Hex(004F37)

Have a look what the booklet for
Hex(004F37) contains.

Hex(004F37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(004F37)

Conversions

Conversions Part 1

Format	Color
Hex	004F37
RGB	0, 79, 55
RGB Percent	0%, 31%, 22%
CMY	1.0000, 0.6902, 0.7843
CMYK	1.00, 0.00, 0.30, 0.69
HSL	162°, 100%, 15%
HSV	162°, 100%, 31%
XYZ	3.4856, 5.8678, 4.5633
YIQ	52.6430, -39.3800, -24.2120

Conversions

Conversions Part 2

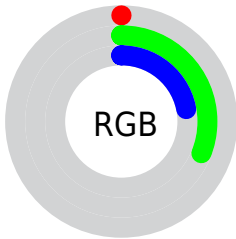
Format	Color
RYB	0, 47, 79
Decimal	20279
CIELab	29.08, -28.18, 8.25
CIELCh	29, 29.360, 163.686
Yxy	5.8678, 0.2505, 0.4216
Android (android.graphics.Color)	4278210359 (0xFF004F37)
YUV	52.6430, 1.1620, -46.1679
Hunter-Lab	24.2235, -16.7065, 5.7872

Details

The Hex color **004F37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F0018**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **3E8166**, and **00230C** is the 20% darker color. If you saturate the color by 10%, you get **004F37**, and if you desaturate by 10%, it is **084F39**.

Distribution



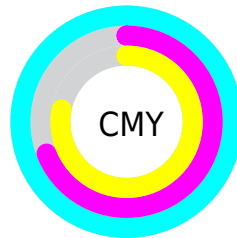
- Red (0%)
- Green (31%)
- Blue (22%)



- Red (0%)
- Yellow (18%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004F37 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 004F37 by changing the saturation by 10% instead.

 004F37

 004F37

FEFFFF

 003822

 3E8166

 00230C

 589B7F

 000000

 72B699

 8DD2B4

 A9EECF

 C5FFEB

 E1FFFF

 004F37

■ 084F39

■ 104F3C

■ 184F3E

■ 204F41

■ 284F43

■ 2F4F45

■ 374F48

■ 3F4F4A

■ 474F4D

Harmonies

Analogous

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



2E4C22



004F37



00504F

Triad

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



004F37



304371



6A3626

Complementary

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



004F37



4F0018

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.



6F313B



004F37



533A66

Square

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



004F37



004A70



683352



5C3F18

Rectangle

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



004F37



004F5D



683352



6D342D

Sweetspot

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



004F37



47665D



194F00



21332D



B3B3B3



333333

Same Dimension

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



004F37



006647



00414F



222625



00E6A0

Inverse Universe

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



4F0018



66001F



4F0E00



262224



E60046

Previews

White Background



This preview shows how the Hex color 004F37 looks on a white background.

Color Contrast Check

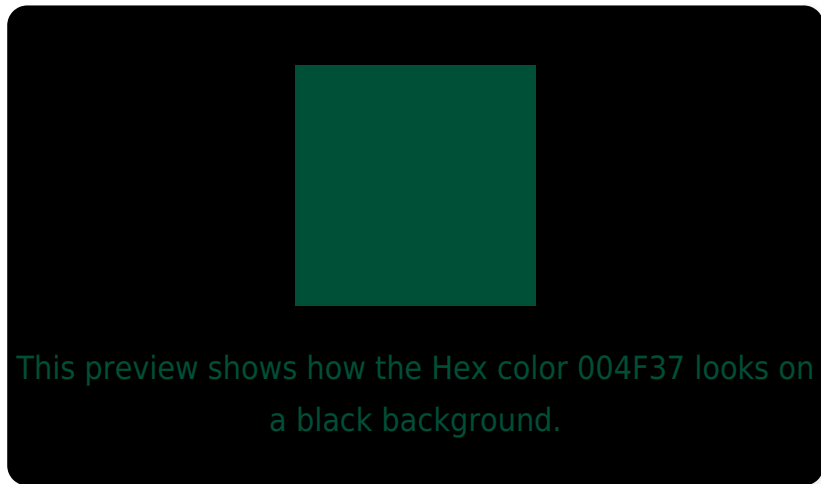
Large Text (above 18pt) WCAG AA ✓ Pass

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

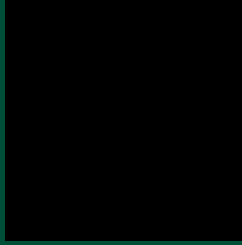
Any Text WCAG AA × Fail

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 004F37 Background



This preview shows how black text looks on a background with the Hex color 004F37.



This preview shows how white text looks on a background with the Hex color 004F37.

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](#).

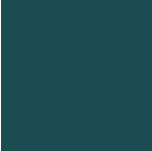
Dichromacy



Original Color
004F37

Protanopia
4A4532

Deuteranopia
4F423A



Tritanopia
1B4C52

Trichromacy



Original Color
004F37

Protanomaly
2F4934

Deuteranomaly
324739

Tritanomaly
114D48

Monochromacy



Original Color
004F37

Achromatopsia
353535

Achromatomaly
223E36

CSS Examples

Text

The CSS property to change the color of the text to Hex 004F37 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 #004F37 looks like.

```
.text, #text, p{  
    color:#004F37  
}
```

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 #004F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F37
}
```

Border

The CSS property to change the border of an element to Hex 004F37 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
#004F37 }
```

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

```
.border{ border-color:#004F37 }
```

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

Here you see how a box with a 4 pixel #004F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F37; -webkit-box-shadow:4px 4px  
4px 4px #004F37; box-shadow:4px 4px 4px  
4px #004F37 }
```

Background

The CSS property to change the background color of an element to Hex 004F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F37 }
```

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

```
.background{ background-color:#004F37 }
```

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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