

Converting Colors

Hex(004D37)

Have a look what the booklet for
Hex(004D37) contains.

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Color

Hex(004D37)

Conversions

Conversions Part 1

Format	Color
Hex	004D37
RGB	0, 77, 55
RGB Percent	0%, 30%, 22%
CMY	1.0000, 0.6980, 0.7843
CMYK	1.00, 0.00, 0.29, 0.70
HSL	163°, 100%, 15%
HSV	163°, 100%, 30%
XYZ	3.3435, 5.5836, 4.5160
YIQ	51.4690, -38.8300, -23.1660

Conversions

Conversions Part 2

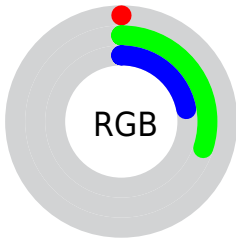
Format	Color
RYB	0, 45, 77
Decimal	19767
CIELab	28.34, -27.28, 7.21
CIELCh	28, 28.215, 165.189
Yxy	5.5836, 0.2487, 0.4154
Android (android.graphics.Color)	4278209847 (0xFF004D37)
YUV	51.4690, 1.7408, -45.1383
Hunter-Lab	23.6296, -16.0950, 5.2096

Details

The Hex color **004D37** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4D0016**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **3D7F66**, and **00210C** is the 20% darker color. If you saturate the color by 10%, you get **004D37**, and if you desaturate by 10%, it is **084D39**.

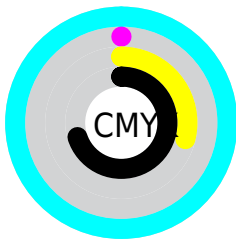
Distribution



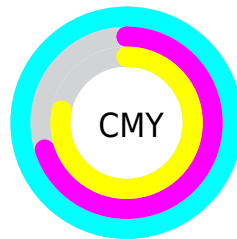
- Red (0%)
- Green (30%)
- Blue (22%)



- Red (0%)
- Yellow (18%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004D37 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 004D37 by changing the saturation by 10% instead.

 004D37

 004D37

 FDFFF

 003622

 3D7F66

 00210C

 57997F

 000000

 72B499

 8CD0B4

 A8ECCF

 C4FFEB

 E0FFFF

 004D37

■ 084D39

■ 0F4D3B

■ 174D3E

■ 1F4D40

■ 274D42

■ 2E4D44

■ 364D46

■ 3E4D49

■ 454D4B

Harmonies

Analogous

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



2C4A23



004D37



004E4E

Triad

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



004D37



31416D



663625

Complementary

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



004D37



4D0016

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.



6B3039



004D37



523962

Square

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



004D37



00486D



65324F



583E18

Rectangle

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



004D37



004D5B



65324F



69332B

Sweetspot

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



004D37



46635B



174D00



21332E



B3B3B3



333333

Same Dimension

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



004D37



006347



003E4D



222625



006649



00E6A4

Inverse Universe

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



4D0016



63001C



4D0F00



262224



66001D



E60042

Previews

White Background



This preview shows how the Hex color 004D37 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

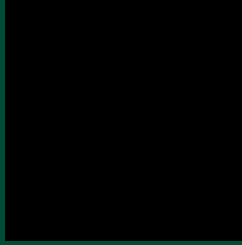
Any Text WCAG AA × Fail

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 004D37 Background



This preview shows how black text looks on a background with the Hex color 004D37.



This preview shows how white text looks on a background with the Hex color 004D37.

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](#).

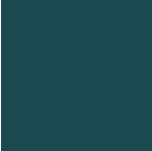
Dichromacy



Original Color
004D37

Protanopia
484332

Deuteranopia
4D413A



Tritanopia
1A4A50

Trichromacy



Original Color
004D37

Protanomaly
2E4734

Deuteranomaly
314539

Tritanomaly
114B47

Monochromacy



Original Color
004D37

Achromatopsia
333333

Achromatomaly
203C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 004D37 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 #004D37 looks like.

```
.text, #text, p{  
    color:#004D37  
}
```

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 #004D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004D37
}
```

Border

The CSS property to change the border of an element to Hex 004D37 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
#004D37 }
```

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

```
.border{ border-color:#004D37 }
```

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

Here you see how a box with a 4 pixel #004D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004D37; -webkit-box-shadow:4px 4px  
4px 4px #004D37; box-shadow:4px 4px 4px  
4px #004D37 }
```

Background

The CSS property to change the background color of an element to Hex 004D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004D37 }
```

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

```
.background{ background-color:#004D37 }
```

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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