

Converting Colors

Hex(004E30)

Have a look what the booklet for
Hex(004E30) contains.

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Color

Hex(004E30)

Conversions

Conversions Part 1

Format	Color
Hex	004E30
RGB	0, 78, 48
RGB Percent	0%, 31%, 19%
CMY	1.0000, 0.6941, 0.8118
CMYK	1.00, 0.00, 0.38, 0.69
HSL	157°, 100%, 15%
HSV	157°, 100%, 31%
XYZ	3.2579, 5.6622, 3.7175
YIQ	51.2580, -36.8580, -25.8660

Conversions

Conversions Part 2

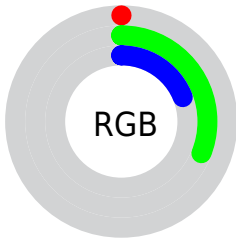
Format	Color
RYB	0, 48, 78
Decimal	20016
CIELab	28.54, -29.58, 11.92
CIELCh	29, 31.890, 158.057
Yxy	5.6622, 0.2578, 0.4480
Android (android.graphics.Color)	4278210096 (0xFF004E30)
YUV	51.2580, -1.6062, -44.9533
Hunter-Lab	23.7953, -17.2029, 7.3940

Details

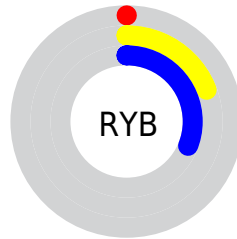
The Hex color **004E30** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4E001E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **3D805E**, and **002201** is the 20% darker color. If you saturate the color by 10%, you get **004E30**, and if you desaturate by 10%, it is **084E33**.

Distribution



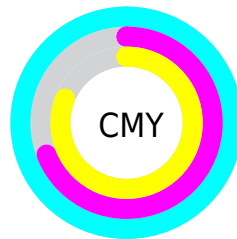
- Red (0%)
- Green (31%)
- Blue (19%)



- Red (0%)
- Yellow (19%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004E30 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 004E30 by changing the saturation by 10% instead.

 004E30

 004E30

 FDFFFF

 00371B

 3D805E

 002201

 579A77

 000000

 72B591

 8CD1AB

 A8EDC7

 C4FFE3

 E0FFFF

 004E30

■ 084E33

■ 104E36

■ 174E39

■ 1F4E3C

■ 274E3F

■ 2F4E42

■ 374E45

■ 3E4E48

■ 464E4B

Harmonies

Analogous

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



304A1A



004E30



004F49

Triad

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



004E30



1F4474



6D3226

Complementary

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



004E30



4E001E

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.



702D3E



004E30



4D3A6A

Square

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



004E30



004B71



663056



5F3B14

Rectangle

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



004E30



004F5A



663056



6F2F2E

Sweetspot

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



004E30



47665A



1F4E00



21332C



B3B3B3



333333

Same Dimension

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



004E30



00663F



00464E



222625



00E68D

Inverse Universe

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



4E001E



660027



4E0800



262224



E60058

Previews

White Background



This preview shows how the Hex color 004E30 looks on a white background.

Color Contrast Check

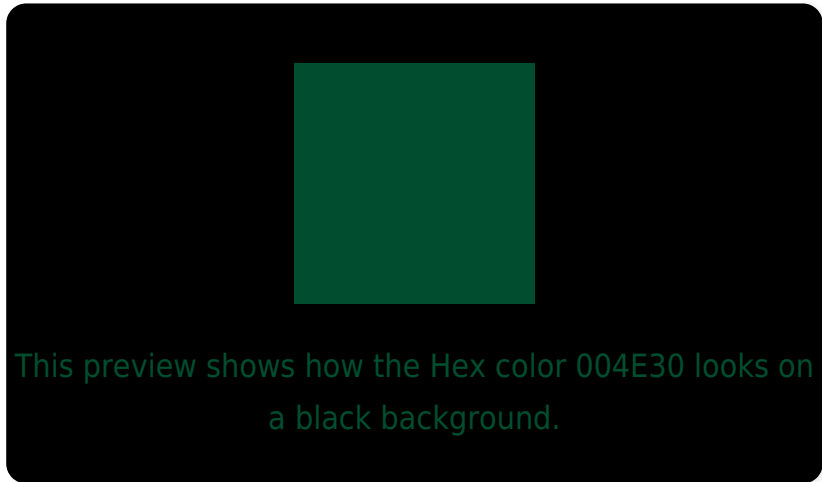
Large Text (above 18pt) WCAG AA ✓ Pass

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

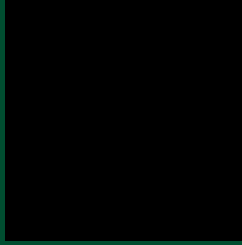
Any Text WCAG AA × Fail

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 004E30 Background



This preview shows how black text looks on a background with the Hex color 004E30.



This preview shows how white text looks on a background with the Hex color 004E30.

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](#).

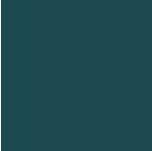
Dichromacy



Original Color
004E30

Protanopia
4A442C

Deuteranopia
504133



Tritanopia
1C4A50

Trichromacy



Original Color
004E30

Protanomaly
2F482D

Deuteranomaly
334632

Tritanomaly
124B44

Monochromacy



Original Color
004E30

Achromatopsia
333333

Achromatomaly
203D32

CSS Examples

Text

The CSS property to change the color of the text to Hex 004E30 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 #004E30 looks like.

```
.text, #text, p{  
    color:#004E30  
}
```

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 #004E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E30
}
```

Border

The CSS property to change the border of an element to Hex 004E30 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
#004E30 }
```

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

```
.border{ border-color:#004E30 }
```

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

Here you see how a box with a 4 pixel #004E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E30; -webkit-box-shadow:4px 4px  
4px 4px #004E30; box-shadow:4px 4px 4px  
4px #004E30 }
```

Background

The CSS property to change the background color of an element to Hex 004E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E30 }
```

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

```
.background{ background-color:#004E30 }
```

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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