

Converting Colors

Hex(004C46)

Have a look what the booklet for
Hex(004C46) contains.

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Color

Hex(004C46)

Conversions

Conversions Part 1

Format	Color
Hex	004C46
RGB	0, 76, 70
RGB Percent	0%, 30%, 27%
CMY	1.0000, 0.7020, 0.7255
CMYK	1.00, 0.00, 0.08, 0.70
HSL	175°, 100%, 15%
HSV	175°, 100%, 30%
XYZ	3.6899, 5.6111, 6.6829
YIQ	52.5920, -43.3700, -17.9780

Conversions

Conversions Part 2

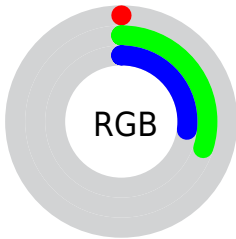
Format	Color
RYB	0, 40, 76
Decimal	19526
CIELab	28.41, -22.12, -2.32
CIELCh	28, 22.238, 185.999
Yxy	5.6111, 0.2309, 0.3510
Android (android.graphics.Color)	4278209606 (0xFF004C46)
YUV	52.5920, 8.5821, -46.1232
Hunter-Lab	23.6877, -13.6478, -0.1458

Details

The Hex color **004C46** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4C0006**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **3F7D76**, and **00201B** is the 20% darker color. If you saturate the color by 10%, you get **004C46**, and if you desaturate by 10%, it is **084C47**.

Distribution



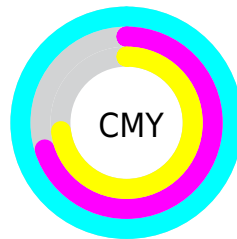
- Red (0%)
- Green (30%)
- Blue (27%)



- Red (0%)
- Yellow (16%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004C46 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 004C46 by changing the saturation by 10% instead.

■ 004C46

■ 004C46

FFFFFF

■ 003530

■ 3F7D76

■ 00201B

■ 599790

■ 000000

■ 73B2AA

■ 8ECEC6

■ A9EAE1

■ C5FFFE

■ E2FFFF

■ 004C46

■ 084C47

■ 0F4C47

■ 174C48

■ 1E4C48

■ 264C49

■ 2E4C4A

■ 354C4A

■ 3D4C4B

■ 444C4B

Harmonies

Analogous

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



224B34



004C46



004B57

Triad

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



004C46



493D5F



593D24

Complementary

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



004C46



4C0006

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.



623830



004C46



5B3751

Square

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



004C46



2E4465



633540



4A4320

Rectangle

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



004C46



004A5F



633540



5D3B27

Sweetspot

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



004C46



466361



064C00



213332



B3B3B3



333333

Same Dimension

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



004C46



00635C



002C4C



222626



00665E



00E6D3

Inverse Universe

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



4C0006



630008



4C2000



262223



660008



E60012

Previews

White Background



This preview shows how the Hex color 004C46 looks on a white background.

Color Contrast Check

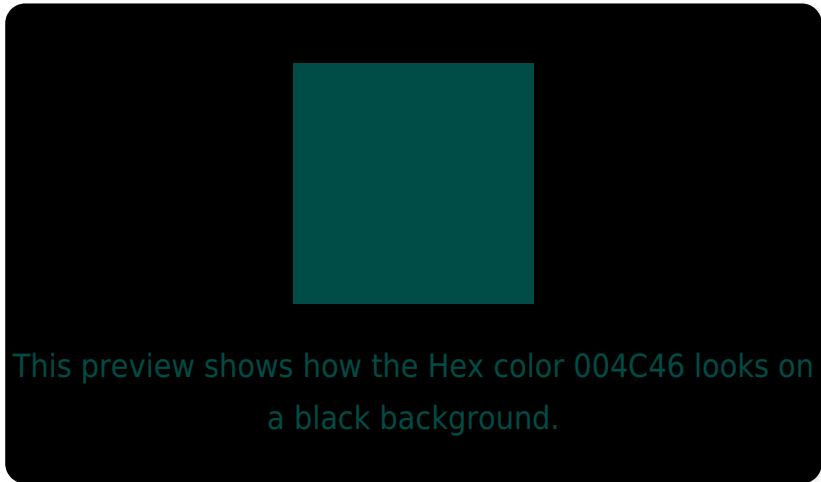
Large Text (above 18pt) WCAG AA ✓ Pass

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

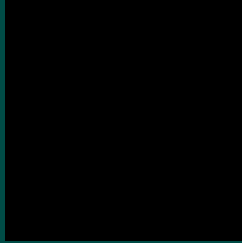
Any Text WCAG AA × Fail

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 004C46 Background



This preview shows how black text looks on a background with the Hex color 004C46.



This preview shows how white text looks on a background with the Hex color 004C46.

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](#).

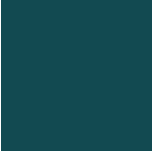
Dichromacy



Original Color
004C46

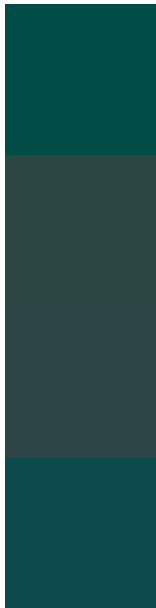
Protanopia
454341

Deuteranopia
484148



Tritanopia
124A51

Trichromacy



Original Color
004C46

Protanomaly
2C4643

Deuteranomaly
2E4547

Tritanomaly
0B4B4D

Monochromacy



Original Color
004C46

Achromatopsia
353535

Achromatomaly
223D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 004C46 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 #004C46 looks like.

```
.text, #text, p{  
    color:#004C46  
}
```

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 #004C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C46
}
```

Border

The CSS property to change the border of an element to Hex 004C46 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
#004C46 }
```

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

```
.border{ border-color:#004C46 }
```

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

Here you see how a box with a 4 pixel #004C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C46; -webkit-box-shadow:4px 4px  
4px 4px #004C46; box-shadow:4px 4px 4px  
4px #004C46 }
```

Background

The CSS property to change the background color of an element to Hex 004C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C46 }
```

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

```
.background{ background-color:#004C46 }
```

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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