

Converting Colors

Hex(004C42)

Have a look what the booklet for
Hex(004C42) contains.

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Color

Hex(004C42)

Conversions

Conversions Part 1	
Format	Color
Hex	004C42
RGB	0, 76, 66
RGB Percent	0%, 30%, 26%
CMY	1.0000, 0.7020, 0.7412
CMYK	1.00, 0.00, 0.13, 0.70
HSL	172°, 100%, 15%
HSV	172°, 100%, 30%
XYZ	3.5678, 5.5622, 6.0398
YIQ	52.1360, -42.0860, -19.2220

Conversions

Conversions Part 2

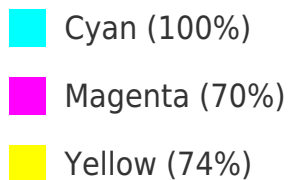
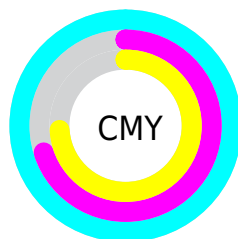
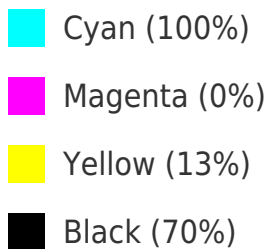
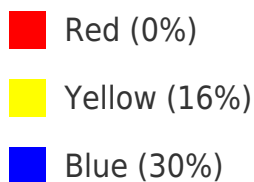
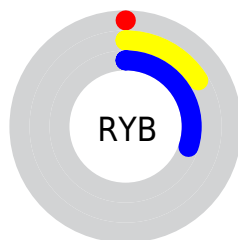
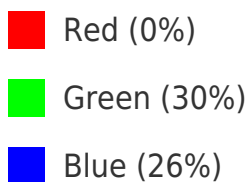
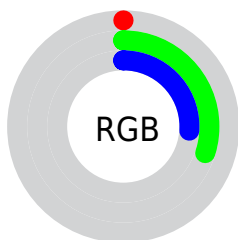
Format	Color
RYB	0, 41, 76
Decimal	19522
CIELab	28.28, -23.45, 0.07
CIELCh	28, 23.448, 179.831
Yxy	5.5622, 0.2352, 0.3667
Android (android.graphics.Color)	4278209602 (0xFF004C42)
YUV	52.1360, 6.8350, -45.7233
Hunter-Lab	23.5844, -14.2695, 1.3252

Details

The Hex color **004C42** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4C000A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **3E7D72**, and **002017** is the 20% darker color. If you saturate the color by 10%, you get **004C42**, and if you desaturate by 10%, it is **084C43**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 004C42 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 004C42 by changing the saturation by 10% instead.

 004C42

 004C42

FEFFFF

 00352C

 3E7D72

 002017

 58988B

 000000

 72B2A6

 8DCEC1

 A9EADD

 C5FFF9

 E1FFFF

 004C42

 084C43

 0F4C44

 174C45

 1E4C46

 264C47

 2E4C48

 354C49

 3D4C4A

 444C4B

Harmonies

Analogous

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



254A30



004C42



004C54

Triad

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



004C42



443E62



5C3B24

Complementary

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



004C42



4C000A

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.



643632



004C42



593755

Square

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



004C42



254567



643444



4E421E

Rectangle

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



004C42



004A5E



643444



603928

Sweetspot

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



004C42



466360



0A4C00



213331



B3B3B3



333333

Same Dimension

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



004C42



006356



00304C



222626



006659



00E6C7

Inverse Universe

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



4C000A



63000D



4C1C00



262223



66000D



E6001E

Previews

White Background



This preview shows how the Hex color 004C42 looks on a white background.

Color Contrast Check

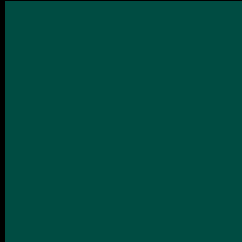
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 004C42 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

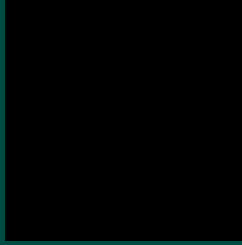
Any Text WCAG AA × Fail

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 004C42 Background



This preview shows how black text looks on a background with the Hex color 004C42.



This preview shows how white text looks on a background with the Hex color 004C42.

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

004C42

Protanopia

46433D

Deuteranopia


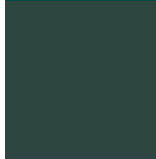


494144






Tritanopia

154A50

Trichromacy

	Original Color 004C42
	Protanomaly 2D463F
	Deuteranomaly 2E4543
	Tritanomaly 0D4B4B

Monochromacy

	Original Color 004C42
	Achromatopsia 343434
	Achromatomaly 213D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 004C42 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 #004C42 looks like.

```
.text, #text, p{  
    color:#004C42  
}
```

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 #004C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C42
}
```

Border

The CSS property to change the border of an element to Hex 004C42 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
#004C42 }
```

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

```
.border{ border-color:#004C42 }
```

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

Here you see how a box with a 4 pixel #004C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C42; -webkit-box-shadow:4px 4px  
4px 4px #004C42; box-shadow:4px 4px 4px  
4px #004C42 }
```

Background

The CSS property to change the background color of an element to Hex 004C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C42 }
```

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

```
.background{ background-color:#004C42 }
```

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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