

Converting Colors

Hex(004833)

Have a look what the booklet for
Hex(004833) contains.

Hex(004833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(004833)

Conversions

Conversions Part 1

Format	Color
Hex	004833
RGB	0, 72, 51
RGB Percent	0%, 28%, 20%
CMY	1.0000, 0.7176, 0.8000
CMYK	1.00, 0.00, 0.29, 0.72
HSL	162°, 100%, 14%
HSV	162°, 100%, 28%
XYZ	2.9149, 4.8737, 3.9191
YIQ	48.0780, -36.1710, -21.7950

Conversions

Conversions Part 2

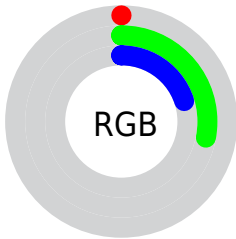
Format	Color
RYB	0, 42, 72
Decimal	18483
CIELab	26.37, -26.13, 7.02
CIELCh	26, 27.058, 164.962
Yxy	4.8737, 0.2490, 0.4163
Android (android.graphics.Color)	4278208563 (0xFF004833)
YUV	48.0780, 1.4405, -42.1644
Hunter-Lab	22.0766, -15.0655, 4.9283

Details

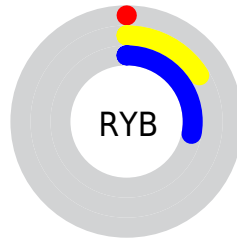
The Hex color **004833** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **480015**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **3B7961**, and **001E05** is the 20% darker color. If you saturate the color by 10%, you get **004833**, and if you desaturate by 10%, it is **074835**.

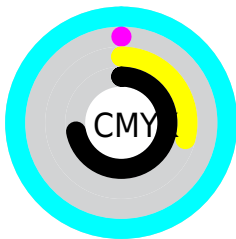
Distribution



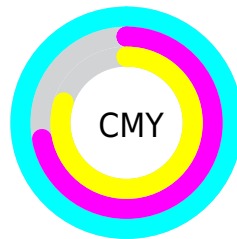
- Red (0%)
- Green (28%)
- Blue (20%)



- Red (0%)
- Yellow (16%)
- Blue (28%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004833 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 004833 by changing the saturation by 10% instead.

 004833

 004833

 FAFFFF

 00311E

 3B7961

 001E05

 55937A

 000000

 6FAE94

 8ACAAF

 A5E6CA

 C1FFE6

 DDDFFF

 004833

■ 074835

■ 0E4837

■ 164839

■ 1D483B

■ 24483E

■ 2B4840

■ 324842

■ 3A4844

■ 414846

Harmonies

Analogous

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



294520



004833



004948

Triad

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



004833



2E3D66



603222

Complementary

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



004833



480015

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.



652D35



004833



4D355C

Square

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



004833



004466



5F2E4A



533A16

Rectangle

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



004833



004855



5F2E4A



633028

Sweetspot

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



004833



425E56



164800



1F302B



B0B0B0



303030

Same Dimension

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



004833



005E43



003A48



202423



006346



00E3A1

Inverse Universe

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



480015



5E001C



480E00



242021



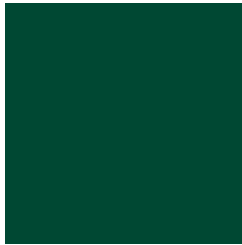
63001D



E30042

Previews

White Background



This preview shows how the Hex color 004833 looks on a white background.

Color Contrast Check

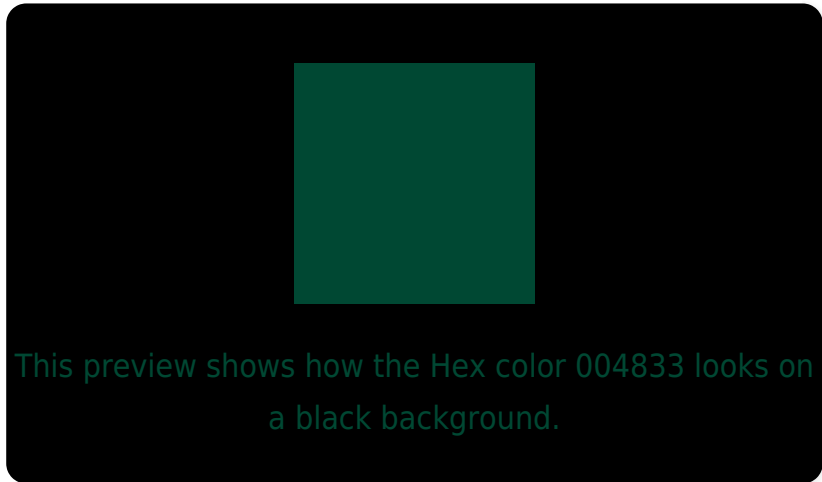
Large Text (above 18pt) WCAG AA ✓ Pass

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

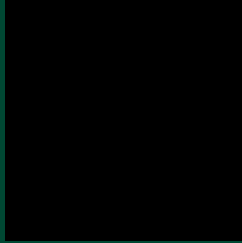
Any Text WCAG AA × Fail

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 004833 Background



This preview shows how black text looks on a background with the Hex color 004833.



This preview shows how white text looks on a background with the Hex color 004833.

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
004833

Protanopia
433F2F

Deuteranopia
483C36



Tritanopia
18454B

Trichromacy



Original Color
004833

Protanomaly
2B4230

Deuteranomaly
2E4035

Tritanomaly
0F4642

Monochromacy



Original Color
004833

Achromatopsia
303030

Achromatomaly
1F3931

CSS Examples

Text

The CSS property to change the color of the text to Hex 004833 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 #004833 looks like.

```
.text, #text, p{  
    color:#004833  
}
```

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 #004833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004833
}
```

Border

The CSS property to change the border of an element to Hex 004833 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
#004833 }
```

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

```
.border{ border-color:#004833 }
```

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

Here you see how a box with a 4 pixel #004833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004833; -webkit-box-shadow:4px 4px  
4px 4px #004833; box-shadow:4px 4px 4px  
4px #004833 }
```

Background

The CSS property to change the background color of an element to Hex 004833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004833 }
```

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

```
.background{ background-color:#004833 }
```

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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