

Converting Colors

Hex(004133)

Have a look what the booklet for
Hex(004133) contains.

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Color

Hex(004133)

Conversions

Conversions Part 1

Format	Color
Hex	004133
RGB	0, 65, 51
RGB Percent	0%, 25%, 20%
CMY	1.0000, 0.7451, 0.8000
CMYK	1.00, 0.00, 0.22, 0.75
HSL	167°, 100%, 13%
HSV	167°, 100%, 25%
XYZ	2.4878, 4.0196, 3.7767
YIQ	43.9690, -34.2460, -18.1340

Conversions

Conversions Part 2

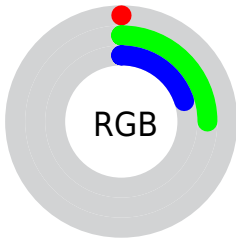
Format	Color
RYB	0, 36, 65
Decimal	16691
CIELab	23.74, -22.82, 3.29
CIELCh	24, 23.056, 171.807
Yxy	4.0196, 0.2419, 0.3909
Android (android.graphics.Color)	4278206771 (0xFF004133)
YUV	43.9690, 3.4663, -38.5608
Hunter-Lab	20.0490, -12.9360, 2.8656

Details

The Hex color **004133** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **41000E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **397161**, and **001605** is the 20% darker color. If you saturate the color by 10%, you get **004133**, and if you desaturate by 10%, it is **064134**.

Distribution



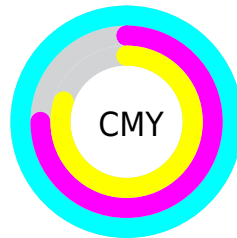
- Red (0%)
- Green (25%)
- Blue (20%)



- Red (0%)
- Yellow (14%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004133 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 004133 by changing the saturation by 10% instead.

 004133

 004133

 F6FFFF

 002A1E

 397161

 001605

 538B7A

 000000

 6CA694

 87C1AE

 A2DDCA

 BDFAE6

 DAFFFF

 004133

■ 064134

■ 0D4136

■ 144137

■ 1A4139

■ 21413A

■ 27413B

■ 2D413D

■ 34413E

■ 3B4140

Harmonies

Analogous

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



223F22



004133



004145

Triad

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



004133



323659



53301E

Complementary

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



004133



41000E

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.



592B2D



004133



492F4E

Square

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



004133



0B3C5A



562A3E



473616

Rectangle

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



004133



00404F



562A3E



562E22

Sweetspot

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



004133



3B544F



0E4100



1C2B28



ABABAB



2B2B2B

Same Dimension

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



004133



005442



002F41



1E2120



00614C



00E0B0

Inverse Universe

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



41000E



540012



411200



211E1F



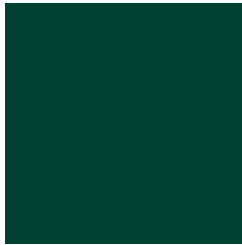
610015



E00030

Previews

White Background



This preview shows how the Hex color 004133 looks on a white background.

Color Contrast Check

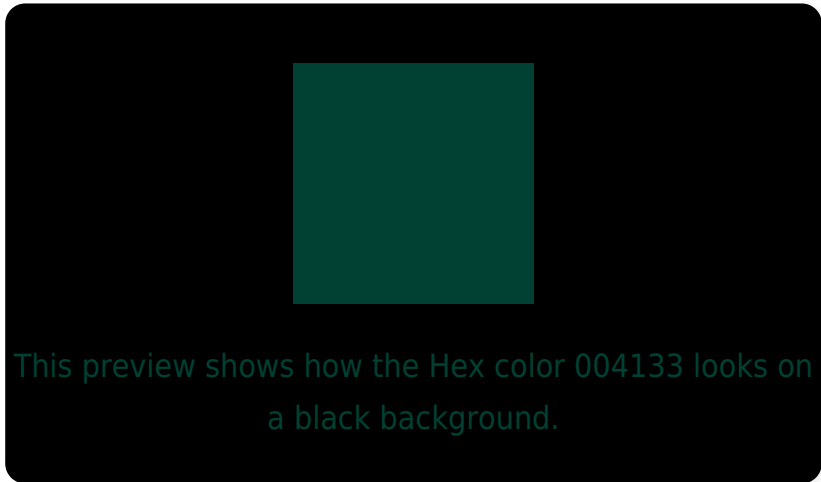
Large Text (above 18pt) WCAG AA ✓ Pass

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

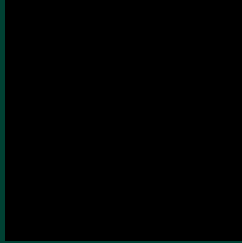
Any Text WCAG AA × Fail

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 004133 Background



This preview shows how black text looks on a background with the Hex color 004133.



This preview shows how white text looks on a background with the Hex color 004133.

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](#).

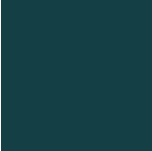
Dichromacy



Original Color
004133

Protanopia
3C392F

Deuteranopia
403735



Tritanopia
143F44

Trichromacy



Original Color
004133

Protanomaly
263C30

Deuteranomaly
293B34

Tritanomaly
0D403E

Monochromacy



Original Color
004133

Achromatopsia
2C2C2C

Achromatomaly
1C342F

CSS Examples

Text

The CSS property to change the color of the text to Hex 004133 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 #004133 looks like.

```
.text, #text, p{  
    color:#004133  
}
```

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 #004133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004133
}
```

Border

The CSS property to change the border of an element to Hex 004133 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
#004133 }
```

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

```
.border{ border-color:#004133 }
```

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

Here you see how a box with a 4 pixel #004133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004133; -webkit-box-shadow:4px 4px  
4px 4px #004133; box-shadow:4px 4px 4px  
4px #004133 }
```

Background

The CSS property to change the background color of an element to Hex 004133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004133 }
```

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

```
.background{ background-color:#004133 }
```

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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