

Converting Colors

Hex(004333)

Have a look what the booklet for
Hex(004333) contains.

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Color

Hex(004333)

Conversions

Conversions Part 1

Format	Color
Hex	004333
RGB	0, 67, 51
RGB Percent	0%, 26%, 20%
CMY	1.0000, 0.7373, 0.8000
CMYK	1.00, 0.00, 0.24, 0.74
HSL	166°, 100%, 13%
HSV	166°, 100%, 26%
XYZ	2.6047, 4.2533, 3.8157
YIQ	45.1430, -34.7960, -19.1800

Conversions

Conversions Part 2

Format	Color
RYB	0, 38, 67
Decimal	17203
CIELab	24.49, -23.79, 4.37
CIELCh	24, 24.186, 169.602
Yxy	4.2533, 0.2440, 0.3985
Android (android.graphics.Color)	4278207283 (0xFF004333)
YUV	45.1430, 2.8875, -39.5904
Hunter-Lab	20.6236, -13.5473, 3.4670

Details

The Hex color **004333** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **430010**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3A7461**, and **001905** is the 20% darker color. If you saturate the color by 10%, you get **004333**, and if you desaturate by 10%, it is **074335**.

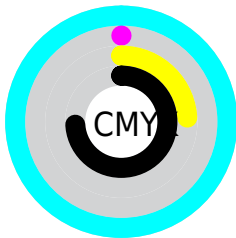
Distribution



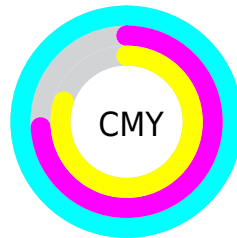
- Red (0%)
- Green (26%)
- Blue (20%)



- Red (0%)
- Yellow (15%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (74%)




- Cyan (100%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004333 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 004333 by changing the saturation by 10% instead.

 004333

 004333

 F8FFFF

 002C1E

 3A7461

 001905

 538D7A

 000000

 6DA894

 87C3AE

 A3DFCA

 BEFCE6

 DBFFFF

 004333

■ 074335

■ 0D4336

■ 144338

■ 1B4339

■ 22433B

■ 28433D

■ 2F433E

■ 364340

■ 3C4341

Harmonies

Analogous

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



244122



004333



004346

Triad

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



004333



31385C



57301F

Complementary

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



004333



430010

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.



5C2B2F



004333



4A3152

Square

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



004333



013E5E



592B41



4A3716

Rectangle

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



004333



004351



592B41



5A2E24

Sweetspot

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



004333



3D5750



114300



1C2B28



ABABAB



2B2B2B

Same Dimension

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



004333



005742



003243



1E2120



00614A



00E0AB

Inverse Universe

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



430010



570015



431100



211E1F



610017



E00036

Previews

White Background



This preview shows how the Hex color 004333 looks on a white background.

Color Contrast Check

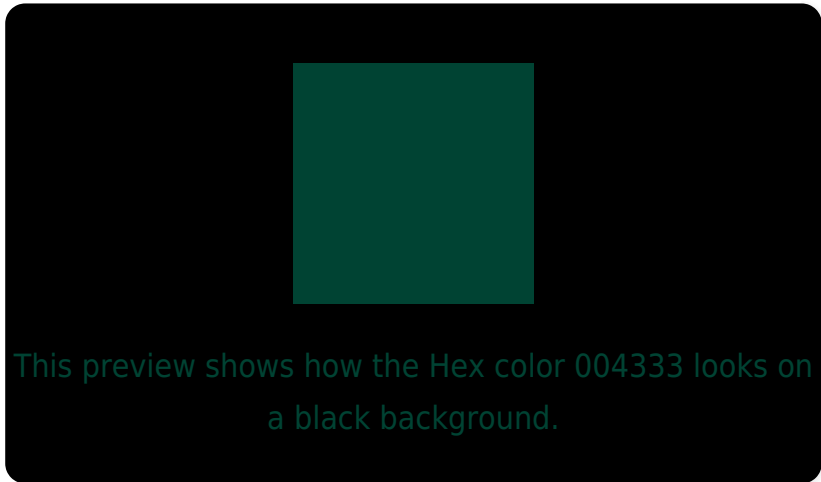
Large Text (above 18pt) WCAG AA ✓ Pass

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

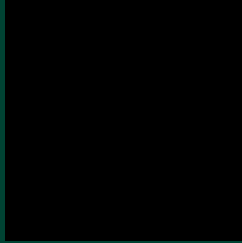
Any Text WCAG AA × Fail

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 004333 Background



This preview shows how black text looks on a background with the Hex color 004333.

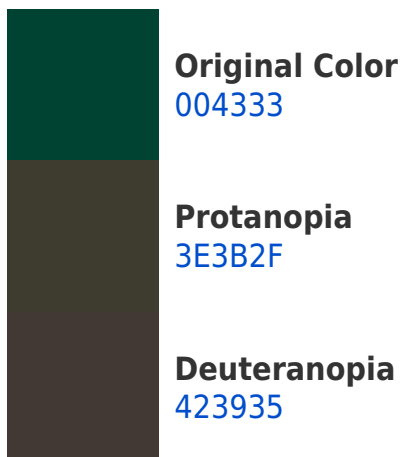


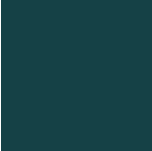
This preview shows how white text looks on a background with the Hex color 004333.

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





Tritanopia
154146

Trichromacy



Original Color
004333

Protanomaly
273E30

Deuteranomaly
2A3D34

Tritanomaly
0D423F

Monochromacy



Original Color
004333

Achromatopsia
2D2D2D

Achromatomaly
1D352F

CSS Examples

Text

The CSS property to change the color of the text to Hex 004333 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 #004333 looks like.

```
.text, #text, p{  
    color:#004333  
}
```

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 #004333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004333
}
```

Border

The CSS property to change the border of an element to Hex 004333 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
#004333 }
```

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

```
.border{ border-color:#004333 }
```

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

Here you see how a box with a 4 pixel #004333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004333; -webkit-box-shadow:4px 4px  
4px 4px #004333; box-shadow:4px 4px 4px  
4px #004333 }
```

Background

The CSS property to change the background color of an element to Hex 004333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004333 }
```

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

```
.background{ background-color:#004333 }
```

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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