

Converting Colors

Hex(004535)

Have a look what the booklet for
Hex(004535) contains.

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Color

Hex(004535)

Conversions

Conversions Part 1

Format	Color
Hex	004535
RGB	0, 69, 53
RGB Percent	0%, 27%, 21%
CMY	1.0000, 0.7294, 0.7922
CMYK	1.00, 0.00, 0.23, 0.73
HSL	166°, 100%, 14%
HSV	166°, 100%, 27%
XYZ	2.7707, 4.5133, 4.0933
YIQ	46.5450, -35.9880, -19.6040

Conversions

Conversions Part 2

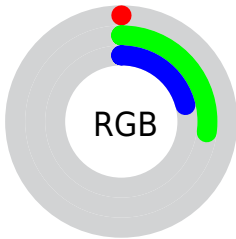
Format	Color
RYB	0, 39, 69
Decimal	17717
CIELab	25.30, -24.14, 4.21
CIELCh	25, 24.502, 170.108
Yxy	4.5133, 0.2435, 0.3967
Android (android.graphics.Color)	4278207797 (0xFF004535)
YUV	46.5450, 3.1823, -40.8200
Hunter-Lab	21.2445, -13.8977, 3.4475

Details

The Hex color **004535** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **450010**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3B7664**, and **001B08** is the 20% darker color. If you saturate the color by 10%, you get **004535**, and if you desaturate by 10%, it is **074537**.

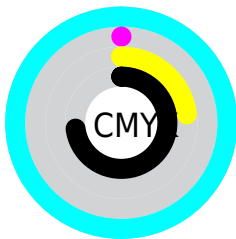
Distribution



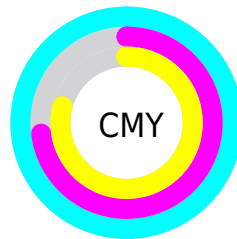
- Red (0%)
- Green (27%)
- Blue (21%)



- Red (0%)
- Yellow (15%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004535 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 004535 by changing the saturation by 10% instead.

 004535

 004535

 F9FFFF

 002E20

 3B7664

 001B08

 54907C

 000000

 6EAA96

 89C6B1

 A4E2CC

 BFFFE9

 DCFFFF

 004535

■ 074537

■ 0E4538

■ 15453A

■ 1C453B

■ 23453D

■ 29453F

■ 304540

■ 374542

■ 3E4543

Harmonies

Analogous

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



254323



004535



004548

Triad

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



004535



333A5F



593220

Complementary

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



004535



450010

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.



5F2D30



004535



4D3254

Square

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



004535



044060



5B2D43



4C3917

Rectangle

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



004535



004453



5B2D43



5C3025

Sweetspot

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



004535



3E5953



104500



1D2E2A



ADADAD



2E2E2E

Same Dimension

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



004535



005945



003345



202423



00634C



00E3AE

Inverse Universe

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



450010



590015



451200



242021



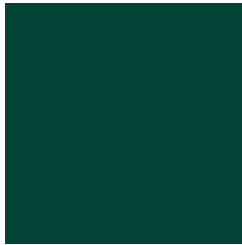
630017



E30035

Previews

White Background



This preview shows how the Hex color 004535 looks on a white background.

Color Contrast Check

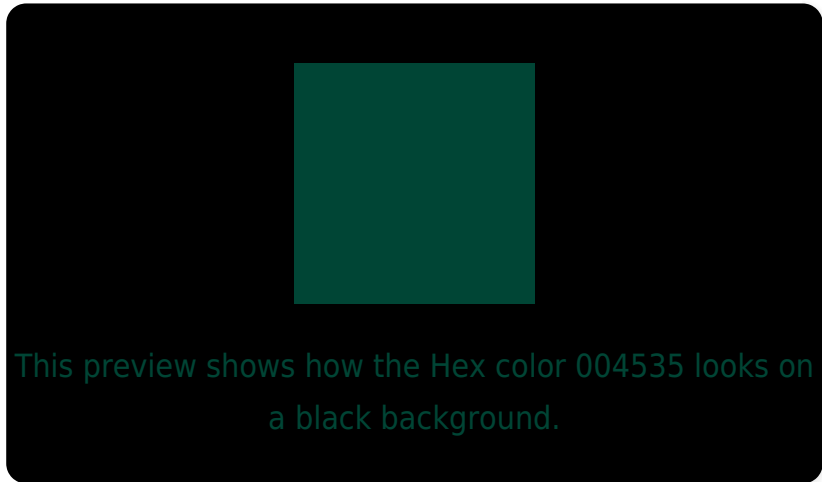
Large Text (above 18pt) WCAG AA ✓ Pass

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 004535 Background



This preview shows how black text looks on a background with the Hex color 004535.



This preview shows how white text looks on a background with the Hex color 004535.

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](#).

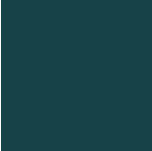
Dichromacy



Original Color
004535

Protanopia
403C31

Deuteranopia
443A37



Tritanopia
164248

Trichromacy



Original Color
004535

Protanomaly
293F32

Deuteranomaly
2B3E36

Tritanomaly
0E4341

Monochromacy



Original Color
004535

Achromatopsia
2F2F2F

Achromatomaly
1E3731

CSS Examples

Text

The CSS property to change the color of the text to Hex 004535 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 #004535 looks like.

```
.text, #text, p{  
    color:#004535  
}
```

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 #004535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004535
}
```

Border

The CSS property to change the border of an element to Hex 004535 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
#004535 }
```

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

```
.border{ border-color:#004535 }
```

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

Here you see how a box with a 4 pixel #004535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004535; -webkit-box-shadow:4px 4px  
4px 4px #004535; box-shadow:4px 4px 4px  
4px #004535 }
```

Background

The CSS property to change the background color of an element to Hex 004535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004535 }
```

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

```
.background{ background-color:#004535 }
```

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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