

Converting Colors

Hex(004543)

Have a look what the booklet for
Hex(004543) contains.

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Color

Hex(004543)

Conversions

Conversions Part 1

Format	Color
Hex	004543
RGB	0, 69, 67
RGB Percent	0%, 27%, 26%
CMY	1.0000, 0.7294, 0.7373
CMYK	1.00, 0.00, 0.03, 0.73
HSL	178°, 100%, 14%
HSV	178°, 100%, 27%
XYZ	3.1412, 4.6615, 6.0444
YIQ	48.1410, -40.4820, -15.2500

Conversions

Conversions Part 2

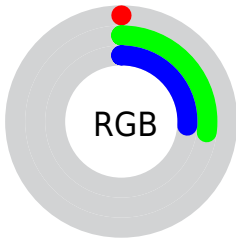
Format	Color
RYB	0, 35, 69
Decimal	17731
CIELab	25.75, -19.49, -4.32
CIELCh	26, 19.963, 192.486
Yxy	4.6615, 0.2269, 0.3366
Android (android.graphics.Color)	4278207811 (0xFF004543)
YUV	48.1410, 9.2975, -42.2197
Hunter-Lab	21.5905, -11.8130, -1.4853

Details

The Hex color **004543** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **450002**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **3C7673**, and **001B18** is the 20% darker color. If you saturate the color by 10%, you get **004543**, and if you desaturate by 10%, it is **074543**.

Distribution



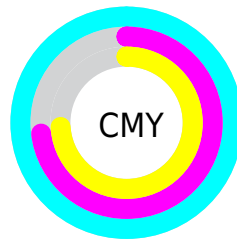
- Red (0%)
- Green (27%)
- Blue (26%)



- Red (0%)
- Yellow (14%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004543 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 004543 by changing the saturation by 10% instead.

 004543

 004543

 FCFFF

 002E2D

 3C7673

 001B18

 568F8C

 000000

 70AAA7

 8BC5C2

 A6E1DE

 C2FEFA

 DFFFF

 004543

■ 074543

■ 0E4543

■ 154544

■ 1C4544

■ 234544

■ 294544

■ 304544

■ 374545

■ 3E4545

Harmonies

Analogous

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



1C4433



004543



004451

Triad

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



004543



473753



4E3920

Complementary

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



004543



450002

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.



583429



004543



553246

Square

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



004543



313C5A



5A3137



403E1F

Rectangle

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



004543



074257



5A3137



523722

Sweetspot

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



004543



3E5958



024500



1D2E2D



ADADAD



2E2E2E

Same Dimension

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



004543



005957



002545



202424



006361



00E3DC

Inverse Universe

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



450002



590003



452000



242020



630003



E30007

Previews

White Background



This preview shows how the Hex color 004543 looks on a white background.

Color Contrast Check

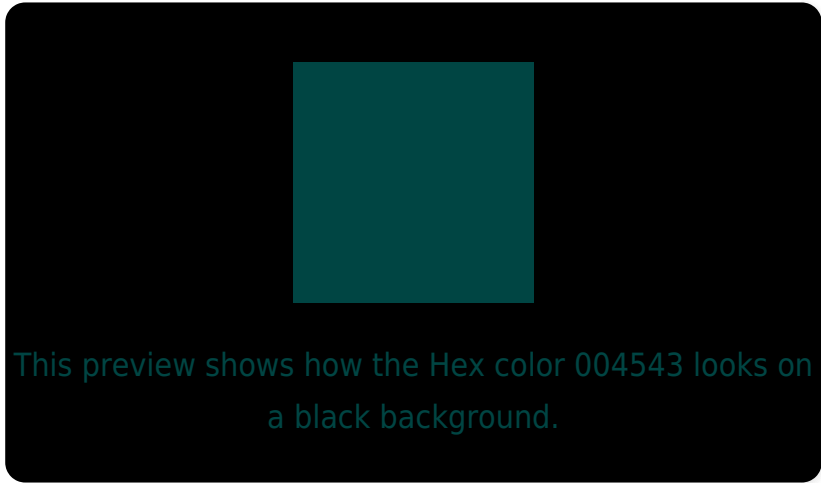
Large Text (above 18pt) WCAG AA ✓ Pass

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

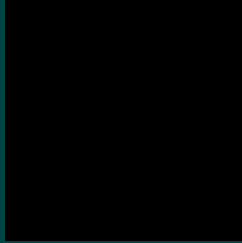
Any Text WCAG AA × Fail

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 004543 Background



This preview shows how black text looks on a background with the Hex color 004543.

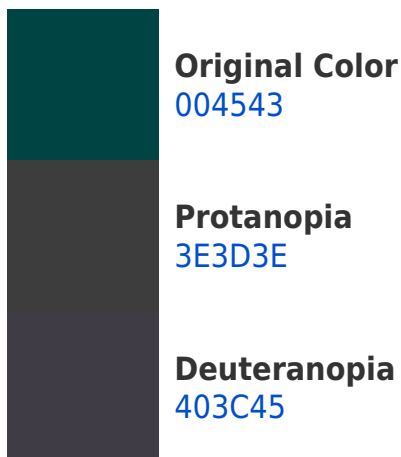


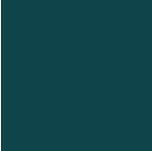
This preview shows how white text looks on a background with the Hex color 004543.

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](#).

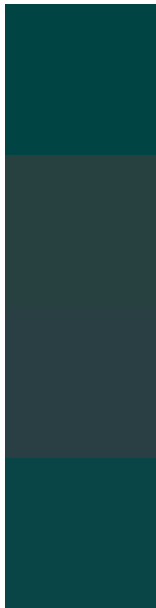
Dichromacy





Tritanopia
0E444A

Trichromacy



Original Color
004543

Protanomaly
274040

Deuteranomaly
293F44

Tritanomaly
094447

Monochromacy



Original Color
004543

Achromatopsia
303030

Achromatomaly
1F3837

CSS Examples

Text

The CSS property to change the color of the text to Hex 004543 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 #004543 looks like.

```
.text, #text, p{  
    color:#004543  
}
```

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 #004543 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004543
}
```

Border

The CSS property to change the border of an element to Hex 004543 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
#004543 }
```

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

```
.border{ border-color:#004543 }
```

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

Here you see how a box with a 4 pixel #004543 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004543; -webkit-box-shadow:4px 4px  
4px 4px #004543; box-shadow:4px 4px 4px  
4px #004543 }
```

Background

The CSS property to change the background color of an element to Hex 004543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004543 }
```

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

```
.background{ background-color:#004543 }
```

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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