

Converting Colors

Hex(004852)

Have a look what the booklet for
Hex(004852) contains.

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Color

Hex(004852)

Conversions

Conversions Part 1

Format	Color
Hex	004852
RGB	0, 72, 82
RGB Percent	0%, 28%, 32%
CMY	1.0000, 0.7176, 0.6784
CMYK	1.00, 0.12, 0.00, 0.68
HSL	187°, 100%, 16%
HSV	187°, 100%, 32%
XYZ	3.8404, 5.2439, 8.7924
YIQ	51.6120, -46.1220, -12.1540

Conversions

Conversions Part 2

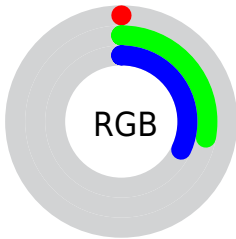
Format	Color
RYB	0, 38, 82
Decimal	18514
CIELab	27.42, -15.58, -11.59
CIELCh	27, 19.414, 216.642
Yxy	5.2439, 0.2148, 0.2933
Android (android.graphics.Color)	4278208594 (0xFF004852)
YUV	51.6120, 14.9813, -45.2637
Hunter-Lab	22.8996, -10.1392, -6.7349

Details

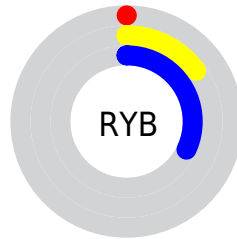
The Hex color **004852** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **520A00**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **407983**, and **001D25** is the 20% darker color. If you saturate the color by 10%, you get **004852**, and if you desaturate by 10%, it is **084952**.

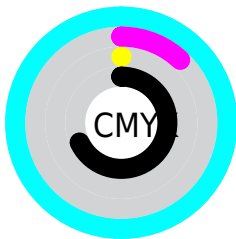
Distribution



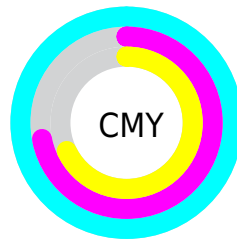
- Red (0%)
- Green (28%)
- Blue (32%)



- Red (0%)
- Yellow (15%)
- Blue (32%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (72%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004852 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 004852 by changing the saturation by 10% instead.

004852

004852

FFFFFF

00313B

407983

001D25

5A939D

000110

75ADB8

000000

90C9D4

ABE5F0

C7FFFF

E4FFFF

004852

■ 084952

■ 104A52

■ 194B52

■ 214C52

■ 294D52

■ 314E52

■ 394F52

■ 425052

■ 4A5152

Harmonies

Analogous

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



0F4944



004852



16455C

Triad

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



004852



56374D



474123

Complementary

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



004852



520A00

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.



543C26



004852



5D353E

Square

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



004852



473C59



5C3730



374528

Rectangle

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



004852



28435E



5C3730



4C3F23

Sweetspot

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



004852



4B676B



00520A



223336



B5B5B5



363636

Same Dimension

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



004852



005E6B



001F52



252829



005C69



00CCE8

Inverse Universe

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



520048



6B005E



523300



292528



69005C



E800CC

Previews

White Background



This preview shows how the Hex color 004852 looks on a white background.

Color Contrast Check

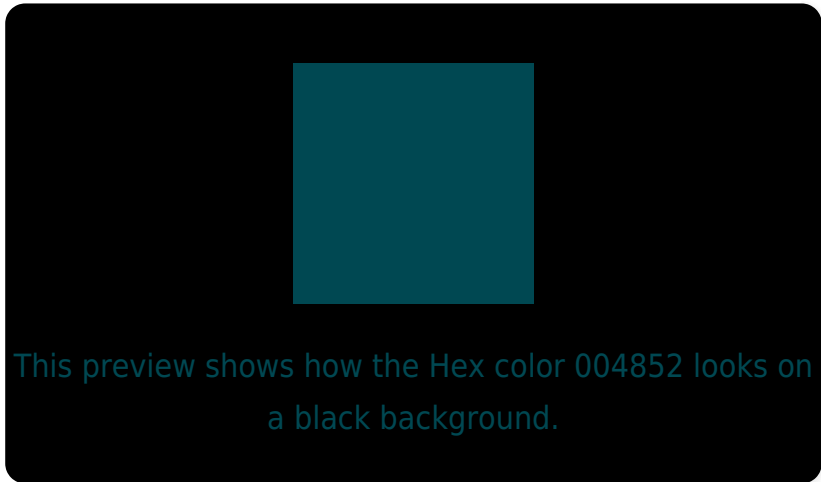
Large Text (above 18pt) WCAG AA ✓ Pass

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

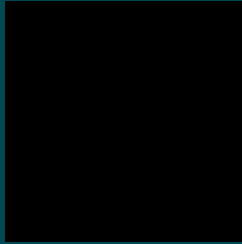
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

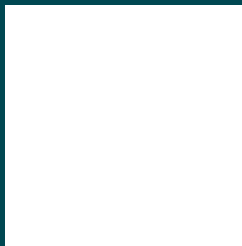
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 004852 Background



This preview shows how black text looks on a background with the Hex color 004852.



This preview shows how white text looks on a background with the Hex color 004852.

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
004852

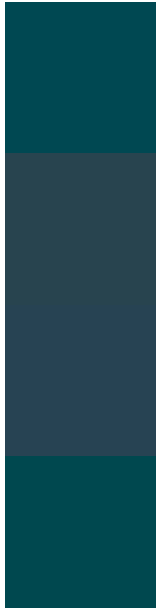
Protanopia
3F414D

Deuteranopia
3E4054



Tritanopia
00484E

Trichromacy



Original Color
004852

Protanomaly
28444F

Deuteranomaly
274353

Tritanomaly
00484F

Monochromacy



Original Color
004852

Achromatopsia
343434

Achromatomaly
213B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 004852 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 #004852 looks like.

```
.text, #text, p{  
    color:#004852  
}
```

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 #004852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004852
}
```

Border

The CSS property to change the border of an element to Hex 004852 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
#004852 }
```

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

```
.border{ border-color:#004852 }
```

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

Here you see how a box with a 4 pixel #004852 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004852; -webkit-box-shadow:4px 4px  
4px 4px #004852; box-shadow:4px 4px 4px  
4px #004852 }
```

Background

The CSS property to change the background color of an element to Hex 004852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004852 }
```

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

```
.background{ background-color:#004852 }
```

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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