

Converting Colors

Hex(004440)

Have a look what the booklet for
Hex(004440) contains.

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Color

Hex(004440)

Conversions

Conversions Part 1

Format	Color
Hex	004440
RGB	0, 68, 64
RGB Percent	0%, 27%, 25%
CMY	1.0000, 0.7333, 0.7490
CMYK	1.00, 0.00, 0.06, 0.73
HSL	176°, 100%, 13%
HSV	176°, 100%, 27%
XYZ	2.9925, 4.5044, 5.5622
YIQ	47.2120, -39.2440, -15.6600

Conversions

Conversions Part 2

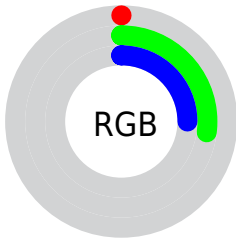
Format	Color
RYB	0, 35, 68
Decimal	17472
CIELab	25.27, -20.02, -3.05
CIELCh	25, 20.250, 188.658
Yxy	4.5044, 0.2292, 0.3449
Android (android.graphics.Color)	4278207552 (0xFF004440)
YUV	47.2120, 8.2765, -41.4049
Hunter-Lab	21.2236, -11.9727, -0.6820

Details

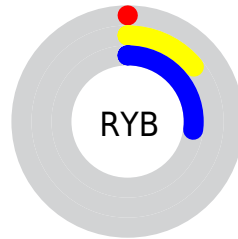
The Hex color **004440** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **440004**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3C7570**, and **001B16** is the 20% darker color. If you saturate the color by 10%, you get **004440**, and if you desaturate by 10%, it is **074440**.

Distribution



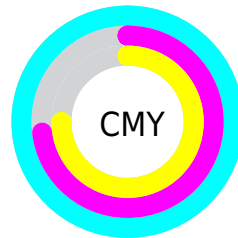
- Red (0%)
- Green (27%)
- Blue (25%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004440 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 004440 by changing the saturation by 10% instead.

 004440

 004440

 FAFFFF

 002D2A

 3C7570

 001B16

 558E89

 000000

 6FA9A3

 8AC4BE

 A5E0DA

 C1FDF7

 DDFFFF

 004440

■ 074440

■ 0E4441

■ 144441

■ 1B4442

■ 224442

■ 294442

■ 304443

■ 364443

■ 3D4444

Harmonies

Analogous

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



1D4330



004440



00434F

Triad

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



004440



433654



4F3720

Complementary

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



004440



440004

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.



57322A



004440



533147

Square

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



004440



2C3C5A



593038



413C1D

Rectangle

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



004440



004256



593038



523522

Sweetspot

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



004440



3E5958



054400



1D2E2D



ADADAD



2E2E2E

Same Dimension

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



004440



005954



002744



1E2121



00615B



00E0D3

Inverse Universe

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



440004



590005



441D00



211E1E



610006



E0000D

Previews

White Background



This preview shows how the Hex color 004440 looks on a white background.

Color Contrast Check

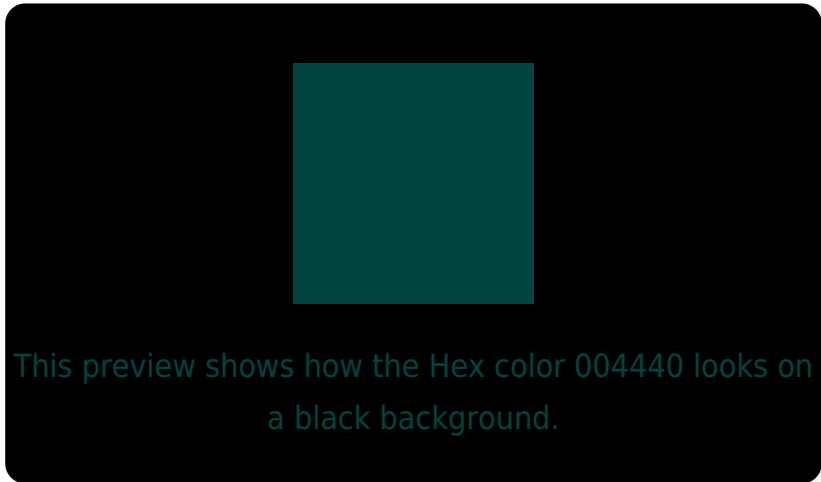
Large Text (above 18pt) WCAG AA ✓ Pass

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

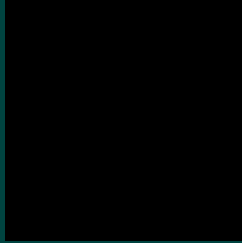
Any Text WCAG AA × Fail

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 004440 Background



This preview shows how black text looks on a background with the Hex color 004440.

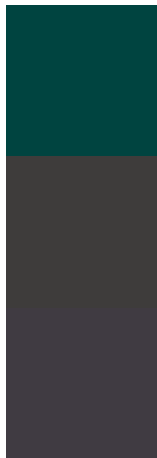


This preview shows how white text looks on a background with the Hex color 004440.

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](#).

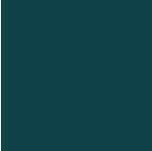
Dichromacy



Original Color
004440

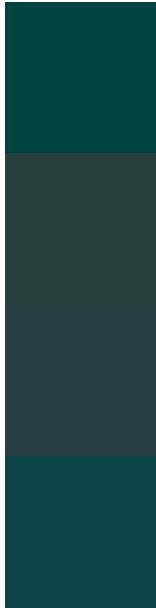
Protanopia
3E3C3B

Deuteranopia
403B42



Tritanopia
104348

Trichromacy



Original Color
004440

Protanomaly
273F3D

Deuteranomaly
293E41

Tritanomaly
0A4345

Monochromacy



Original Color
004440

Achromatopsia
2F2F2F

Achromatomaly
1E3735

CSS Examples

Text

The CSS property to change the color of the text to Hex 004440 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 #004440 looks like.

```
.text, #text, p{  
    color:#004440  
}
```

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 #004440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004440
}
```

Border

The CSS property to change the border of an element to Hex 004440 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
#004440 }
```

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

```
.border{ border-color:#004440 }
```

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

Here you see how a box with a 4 pixel #004440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004440; -webkit-box-shadow:4px 4px  
4px 4px #004440; box-shadow:4px 4px 4px  
4px #004440 }
```

Background

The CSS property to change the background color of an element to Hex 004440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004440 }
```

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

```
.background{ background-color:#004440 }
```

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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