

Converting Colors

Hex(004147)

Have a look what the booklet for
Hex(004147) contains.

Hex(004147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(004147)

Conversions

Conversions Part 1

Format	Color
Hex	004147
RGB	0, 65, 71
RGB Percent	0%, 25%, 28%
CMY	1.0000, 0.7451, 0.7216
CMYK	1.00, 0.08, 0.00, 0.72
HSL	185°, 100%, 14%
HSV	185°, 100%, 28%
XYZ	3.0276, 4.2355, 6.6192
YIQ	46.2490, -40.6660, -11.9140

Conversions

Conversions Part 2

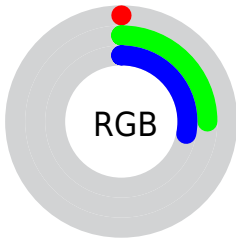
Format	Color
RYB	0, 34, 71
Decimal	16711
CIELab	24.44, -15.79, -8.92
CIELCh	24, 18.139, 209.472
Yxy	4.2355, 0.2181, 0.3051
Android (android.graphics.Color)	4278206791 (0xFF004147)
YUV	46.2490, 12.2022, -40.5604
Hunter-Lab	20.5804, -9.7562, -4.6630

Details

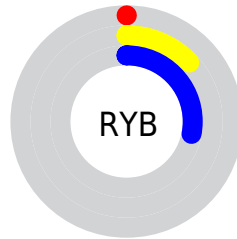
The Hex color **004147** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **470600**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3C7177**, and **00181C** is the 20% darker color. If you saturate the color by 10%, you get **004147**, and if you desaturate by 10%, it is **074247**.

Distribution



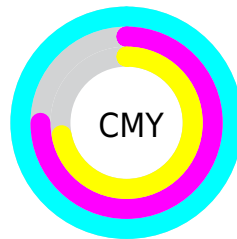
- Red (0%)
- Green (25%)
- Blue (28%)



- Red (0%)
- Yellow (13%)
- Blue (28%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004147 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 004147 by changing the saturation by 10% instead.

 004147

 004147

 FBFFFF

 002B31

 3C7177

 00181C

 568B91

 000000

 70A5AC

 8BC0C7

 A6DCE3

 C2F9FF

 DEFFFF

 004147

■ 074247

■ 0E4247

■ 154347

■ 1C4347

■ 244447

■ 2B4547

■ 324547

■ 394647

■ 404647

Harmonies

Analogous

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



124139



004147



0C3F51

Triad

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



004147



4B3248



43391F

Complementary

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



004147



470600

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.



4E3423



004147



532F3B

Square

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



004147



3B3752



54302D



353D22

Rectangle

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



004147



1D3D55



54302D



47381F

Sweetspot

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



004147



40595C



004706



1D2D2E



ADADAD



2E2E2E

Same Dimension

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



004147



00545C



001E47



202324



005B63



00D0E3

Inverse Universe

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



470041



5C0054



472900



242023



63005B



E300D0

Previews

White Background



This preview shows how the Hex color 004147 looks on a white background.

Color Contrast Check

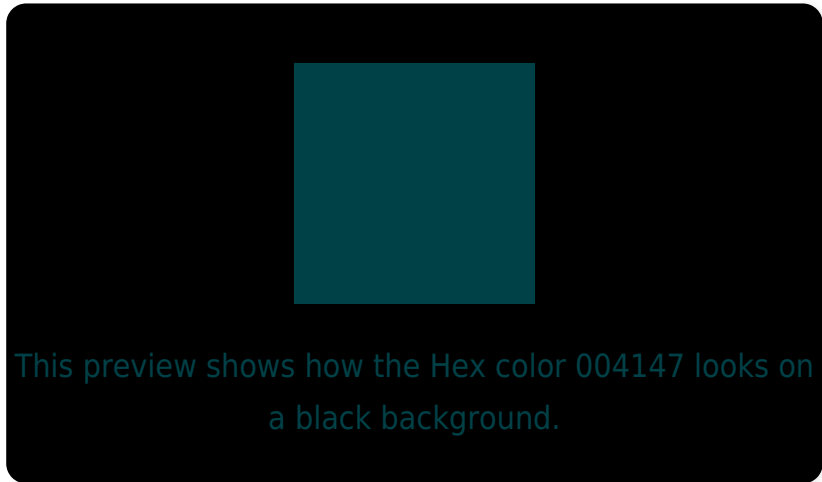
Large Text (above 18pt) WCAG AA ✓ Pass

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

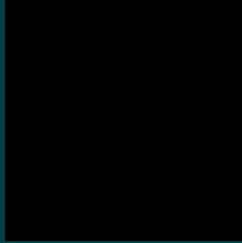
Any Text WCAG AA × Fail

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 004147 Background



This preview shows how black text looks on a background with the Hex color 004147.



This preview shows how white text looks on a background with the Hex color 004147.

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

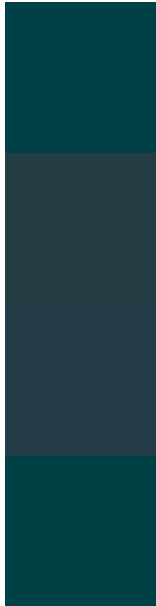


Original Color
004147

Protanopia
393A42

Deuteranopia
393949

Trichromacy



Original Color
004147

Protanomaly
243D44

Deuteranomaly
243C48

Tritanomaly
004146

Monochromacy



Original Color
004147

Achromatopsia
2E2E2E

Achromatomaly
1D3537

CSS Examples

Text

The CSS property to change the color of the text to Hex 004147 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 #004147 looks like.

```
.text, #text, p{  
    color:#004147  
}
```

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 #004147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004147
}
```

Border

The CSS property to change the border of an element to Hex 004147 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
#004147 }
```

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

```
.border{ border-color:#004147 }
```

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

Here you see how a box with a 4 pixel #004147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004147; -webkit-box-shadow:4px 4px  
4px 4px #004147; box-shadow:4px 4px 4px  
4px #004147 }
```

Background

The CSS property to change the background color of an element to Hex 004147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004147 }
```

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

```
.background{ background-color:#004147 }
```

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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