

Converting Colors

Hex(004941)

Have a look what the booklet for
Hex(004941) contains.

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Color

Hex(004941)

Conversions

Conversions Part 1

Format	Color
Hex	004941
RGB	0, 73, 65
RGB Percent	0%, 29%, 25%
CMY	1.0000, 0.7137, 0.7451
CMYK	1.00, 0.00, 0.11, 0.71
HSL	173°, 100%, 14%
HSV	173°, 100%, 29%
XYZ	3.3367, 5.1467, 5.8186
YIQ	50.2610, -40.9400, -17.9640

Conversions

Conversions Part 2

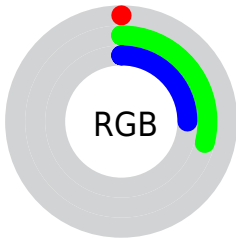
Format	Color
RYB	0, 39, 73
Decimal	18753
CIELab	27.15, -22.27, -0.94
CIELCh	27, 22.288, 182.412
Yxy	5.1467, 0.2333, 0.3599
Android (android.graphics.Color)	4278208833 (0xFF004941)
YUV	50.2610, 7.2663, -44.0789
Hunter-Lab	22.6864, -13.4478, 0.6739

Details

The Hex color **004941** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490008**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **3D7A71**, and **001E17** is the 20% darker color. If you saturate the color by 10%, you get **004941**, and if you desaturate by 10%, it is **074942**.

Distribution



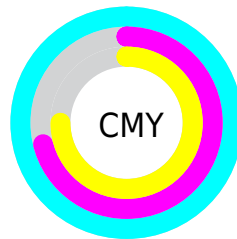
- Red (0%)
- Green (29%)
- Blue (25%)



- Red (0%)
- Yellow (15%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004941 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 004941 by changing the saturation by 10% instead.

 004941

 004941

 FDFFFF

 00322B

 3D7A71

 001E17

 57948A

 000000

 71AFA4

 8CCABF

 A7E7DB

 C3FFF8

 E0FFFF

 004941

■ 074942

■ 0F4943

■ 164943

■ 1D4944

■ 254945

■ 2C4946

■ 334947

■ 3A4947

■ 424948

Harmonies

Analogous

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



224830



004941



004952

Triad

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



004941



443B5D



573A22

Complementary

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



004941



490008

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.



60342F



004941



573550

Square

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



004941



274162



60323F



49401D

Rectangle

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



004941



00475B



60323F



5B3826

Sweetspot

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



004941



425E5B



094900



1F302F



B0B0B0



303030

Same Dimension

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



004941



005E54



002D49



202423



006359



00E3CA

Inverse Universe

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



490008



5E000A



491C00



242021



63000B



E30019

Previews

White Background



This preview shows how the Hex color 004941 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

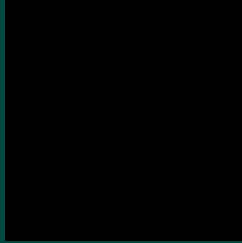
Any Text WCAG AA × Fail

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 004941 Background



This preview shows how black text looks on a background with the Hex color 004941.



This preview shows how white text looks on a background with the Hex color 004941.

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](#).

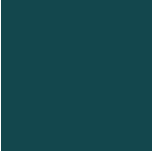
Dichromacy



Original Color
004941

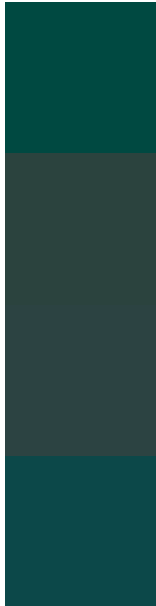
Protanopia
43403C

Deuteranopia
453F43



Tritanopia
13474D

Trichromacy



Original Color
004941

Protanomaly
2B433E

Deuteranomaly
2C4342

Tritanomaly
0C4849

Monochromacy



Original Color
004941

Achromatopsia
323232

Achromatomaly
203A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 004941 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 #004941 looks like.

```
.text, #text, p{  
    color:#004941  
}
```

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 #004941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004941
}
```

Border

The CSS property to change the border of an element to Hex 004941 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
#004941 }
```

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

```
.border{ border-color:#004941 }
```

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

Here you see how a box with a 4 pixel #004941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004941; -webkit-box-shadow:4px 4px  
4px 4px #004941; box-shadow:4px 4px 4px  
4px #004941 }
```

Background

The CSS property to change the background color of an element to Hex 004941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004941 }
```

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

```
.background{ background-color:#004941 }
```

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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