

Converting Colors

Hex(0D4E49)

Have a look what the booklet for
Hex(0D4E49) contains.

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Color

Hex(0D4E49)

Conversions

Conversions Part 1

Format	Color
Hex	0D4E49
RGB	13, 78, 73
RGB Percent	5%, 31%, 29%
CMY	0.9490, 0.6941, 0.7137
CMYK	0.83, 0.00, 0.06, 0.69
HSL	175°, 71%, 18%
HSV	175°, 83%, 31%
XYZ	4.0930, 6.0154, 7.2487
YIQ	57.9950, -37.1350, -15.3350

Conversions

Conversions Part 2

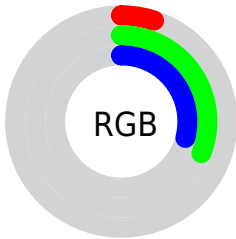
Format	Color
RYB	13, 47, 78
Decimal	872009
CIELab	29.45, -20.66, -2.69
CIELCh	29, 20.831, 187.431
Yxy	6.0154, 0.2358, 0.3466
Android (android.graphics.Color)	4279062089 (0xFF0D4E49)
YUV	57.9950, 7.3975, -39.4606
Hunter-Lab	24.5263, -13.1328, -0.3546

Details

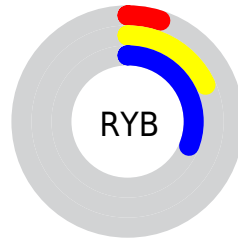
The Hex color **0D4E49** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4E0D12**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **457F79**, and **00221E** is the 20% darker color. If you saturate the color by 10%, you get **054E48**, and if you desaturate by 10%, it is **154E4A**.

Distribution



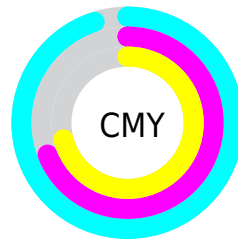
- Red (5%)
- Green (31%)
- Blue (29%)



- Red (5%)
- Yellow (18%)
- Blue (31%)



- Cyan (83%)
- Magenta (0%)
- Yellow (6%)
- Black (69%)



- Cyan (95%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4E49 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 0D4E49 by changing the saturation by 10% instead.

 0D4E49

 0D4E49

FFFFFF

 003733

 457F79

 00221E

 5F9A93

 000004

 79B5AE

 000000

 94D0C9

 B0EDE5

 CCFFFF

 E8FFFF

 0D4E49

 0D4E49

■ 054E48

■ 154E4A

■ 004E48

■ 1D4E4A

■ 244E4B

■ 2C4E4B

■ 344E4C

■ 3C4E4D

■ 444E4D

■ 4B4E4E

■ 534E4E

Harmonies

Analogous

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



264D38



0D4E49



004D58

Triad

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



0D4E49



4C405F



5A4028

Complementary

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



0D4E49



4E0D12

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.



633B33



0D4E49



5D3B52

Square

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



0D4E49



344665



643942



4C4625

Rectangle

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



0D4E49



0A4C60



643942



5E3E2B

Sweetspot

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



0D4E49



4D6664



124E0D



243332



B3B3B3



333333

Same Dimension

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



0D4E49



00665E



0D334E



222626



00E6D4

Inverse Universe

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



4E0D12



660008



4E280D



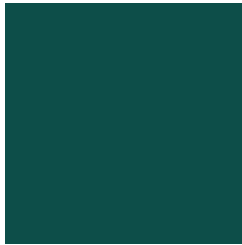
262223



E60012

Previews

White Background



This preview shows how the Hex color 0D4E49 looks on a white background.

Color Contrast Check

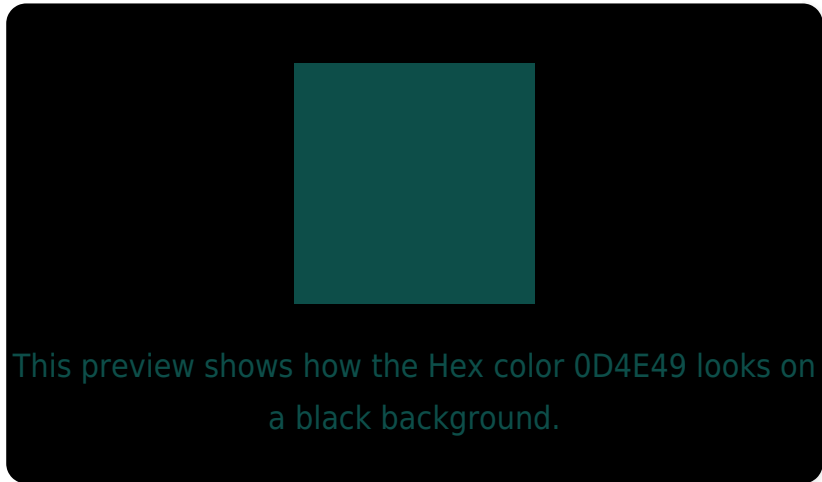
Large Text (above 18pt) WCAG AA ✓ Pass

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

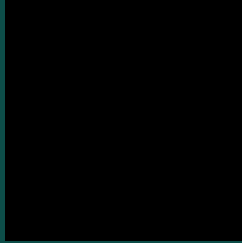
Any Text WCAG AA × Fail

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 0D4E49 Background



This preview shows how black text looks on a background with the Hex color 0D4E49.



This preview shows how white text looks on a background with the Hex color 0D4E49.

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
0D4E49

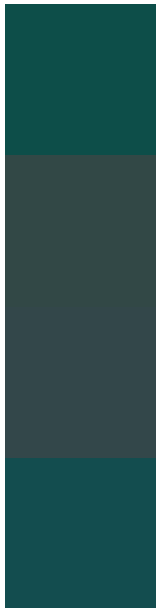
Protanopia
474544

Deuteranopia
49434B



Tritanopia
164D53

Trichromacy



Original Color
0D4E49

Protanomaly
324846

Deuteranomaly
33474A

Tritanomaly
134D4F

Monochromacy



Original Color
0D4E49

Achromatopsia
3A3A3A

Achromatomaly
2A413F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4E49 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 #0D4E49 looks like.

```
.text, #text, p{  
    color:#0D4E49  
}
```

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 #0D4E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4E49
}
```

Border

The CSS property to change the border of an element to Hex 0D4E49 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
#0D4E49 }
```

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

```
.border{ border-color:#0D4E49 }
```

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

Here you see how a box with a 4 pixel #0D4E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4E49; -webkit-box-shadow:4px 4px  
4px 4px #0D4E49; box-shadow:4px 4px 4px  
4px #0D4E49 }
```

Background

The CSS property to change the background color of an element to Hex 0D4E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4E49 }
```

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

```
.background{ background-color:#0D4E49 }
```

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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