

Converting Colors

Hex(0D4A53)

Have a look what the booklet for
Hex(0D4A53) contains.

Hex(0D4A53)	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(0D4A53)

Conversions

Conversions Part 1

Format	Color
Hex	0D4A53
RGB	13, 74, 83
RGB Percent	5%, 29%, 33%
CMY	0.9490, 0.7098, 0.6745
CMYK	0.84, 0.11, 0.00, 0.67
HSL	188°, 73%, 19%
HSV	188°, 84%, 33%
XYZ	4.1761, 5.6077, 9.0459
YIQ	56.7870, -39.2450, -10.1330

Conversions

Conversions Part 2

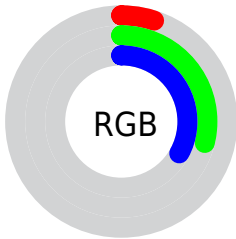
Format	Color
R_{YB}	13, 46, 83
Decimal	870995
CIE _{Lab}	28.40, -14.95, -10.72
CIE _{LCh}	28, 18.392, 215.641
Yxy	5.6077, 0.2218, 0.2978
Android (android.graphics.Color)	4279061075 (0xFF0D4A53)
YUV	56.7870, 12.9230, -38.4012
Hunter-Lab	23.6805, -9.9621, -6.0723

Details

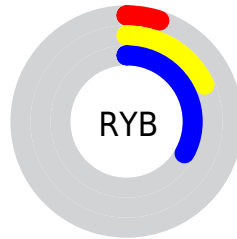
The Hex color **0D4A53** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **53160D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **467B84**, and **001E26** is the 20% darker color. If you saturate the color by 10%, you get **054953**, and if you desaturate by 10%, it is **154B53**.

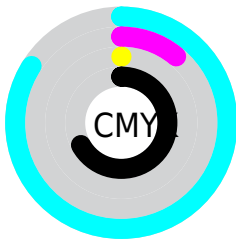
Distribution



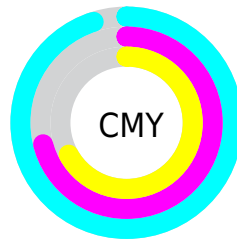
- Red (5%)
- Green (29%)
- Blue (33%)



- Red (5%)
- Yellow (18%)
- Blue (33%)



- Cyan (84%)
- Magenta (11%)
- Yellow (0%)
- Black (67%)



- Cyan (95%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4A53 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 0D4A53 by changing the saturation by 10% instead.

0D4A53

0D4A53

FFFFFF

00333C

467B84

001E26

60959F

000112

7AAFB9

000000

95CBD5

B1E7F2

CDFFFF

EAFFFF

0D4A53

0D4A53

■ 054953

■ 154B53

■ 004853

■ 1E4C53

■ 264D53

■ 2E4E53

■ 364F53

■ 3F5053

■ 475153

■ 4F5353

■ 585453

Harmonies

Analogous

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



184B45



0D4A53



1C485C

Triad

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



0D4A53



573A4F



4A4327

Complementary

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



0D4A53



53160D

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.



563E29



0D4A53



5E3841

Square

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



0D4A53



483E5A



5E3A33



3B472C

Rectangle

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



0D4A53



2C455F



5E3A33



4E4127

Sweetspot

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



0D4A53



50686B



0D5315



253336



B5B5B5



363636

Same Dimension

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



0D4A53



005D6B



0D2853



252829



005B69



00CAE8

Inverse Universe

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



530D4A



6B005D



53380D



292528



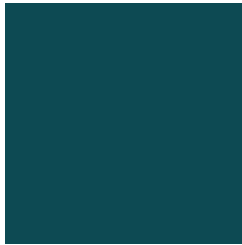
69005B



E800CA

Previews

White Background



This preview shows how the Hex color 0D4A53 looks on a white background.

Color Contrast Check

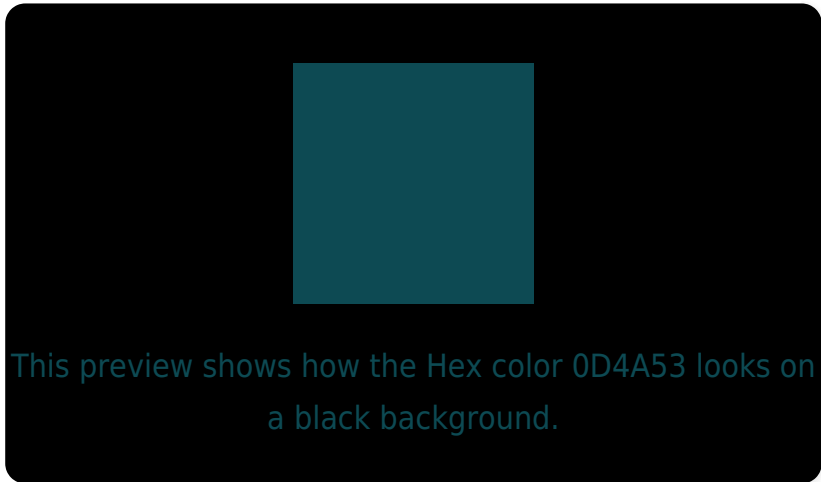
Large Text (above 18pt) WCAG AA ✓ Pass

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

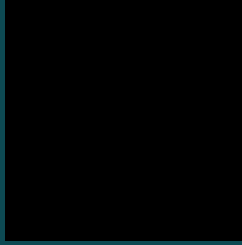
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

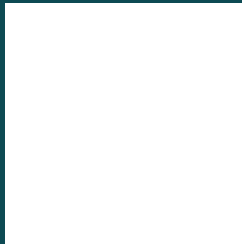
Any Text WCAG AAA × Fail

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

Hex 0D4A53 Background



This preview shows how black text looks on a background with the Hex color 0D4A53.



This preview shows how white text looks on a background with the Hex color 0D4A53.

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
0D4A53

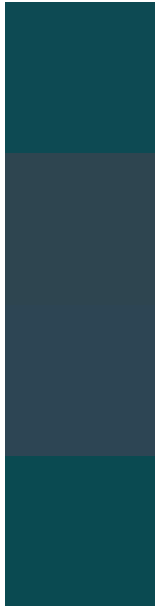
Protanopia
41424E

Deuteranopia
404255



Tritanopia
094A50

Trichromacy



Original Color
0D4A53

Protanomaly
2E4550

Deuteranomaly
2D4554

Tritanomaly
0A4A51

Monochromacy



Original Color
0D4A53

Achromatopsia
393939

Achromatomaly
293F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4A53 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 #0D4A53 looks like.

```
.text, #text, p{  
    color:#0D4A53  
}
```

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 #0D4A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4A53
}
```

Border

The CSS property to change the border of an element to Hex 0D4A53 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
#0D4A53 }
```

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

```
.border{ border-color:#0D4A53 }
```

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

Here you see how a box with a 4 pixel #0D4A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4A53; -webkit-box-shadow:4px 4px  
4px 4px #0D4A53; box-shadow:4px 4px 4px  
4px #0D4A53 }
```

Background

The CSS property to change the background color of an element to Hex 0D4A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4A53 }
```

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

```
.background{ background-color:#0D4A53 }
```

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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