

Converting Colors

Hex(0D4C4A)

Have a look what the booklet for
Hex(0D4C4A) contains.

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Color

Hex(0D4C4A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0D4C4A |
| RGB | 13, 76, 74 |
| RGB Percent | 5%, 30%, 29% |
| CMY | 0.9490, 0.7020, 0.7098 |
| CMYK | 0.83, 0.00, 0.03, 0.70 |
| HSL | 178°, 71%, 17% |
| HSV | 178°, 83%, 30% |
| XYZ | 3.9865, 5.7489, 7.3781 |
| YIQ | 56.9350, -36.9060, -13.9780 |

Conversions

Conversions Part 2

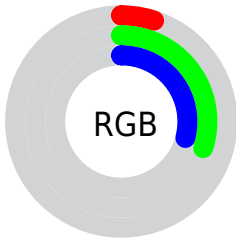
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 13, 45, 76 |
| Decimal | 871498 |
| CIELab | 28.77, -19.25, -4.35 |
| CIELCh | 29, 19.737, 192.727 |
| Yxy | 5.7489, 0.2329, 0.3359 |
| Android (android.graphics.Color) | 4279061578 (0xFF0D4C4A) |
| YUV | 56.9350, 8.4130, -38.5310 |
| Hunter-Lab | 23.9768, -12.2814, -1.4609 |

Details

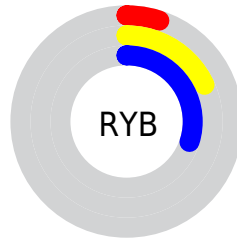
The Hex color **0D4C4A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C0D0F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **457D7B**, and **00201E** is the 20% darker color. If you saturate the color by 10%, you get **054C4A**, and if you desaturate by 10%, it is **154C4A**.

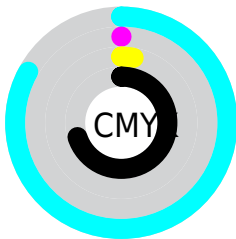
Distribution



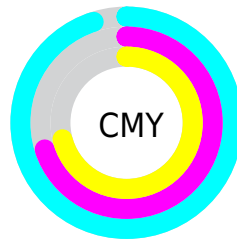
- Red (5%)
- Green (30%)
- Blue (29%)



- Red (5%)
- Yellow (18%)
- Blue (30%)



- Cyan (83%)
- Magenta (0%)
- Yellow (3%)
- Black (70%)



- Cyan (95%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4C4A 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 0D4C4A by changing the saturation by 10% instead.



0D4C4A



0D4C4A

FFFFFF



003533



457D7B



00201E



5F9794



000005



79B2AF



000000



94CECA



AFEAE6



CBFFFF



E8FFFF



0D4C4A



0D4C4A

■ 054C4A

■ 154C4A

■ 004C4A

■ 1C4C4A

■ 244C4B

■ 2B4C4B

■ 334C4B

■ 3B4C4B

■ 424C4C

■ 4A4C4C

■ 514C4C

Harmonies

Analogous

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



234B3A



0D4C4A



044B58

Triad

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



0D4C4A



4E3E5A



554027

Complementary

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



0D4C4A



4C0D0F

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.



5F3B30



0D4C4A



5C394D

Square

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



0D4C4A



384361



62383E



474526

Rectangle

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



0D4C4A



15495F



62383E



593E29

Sweetspot

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



0D4C4A



4B6363



0F4C0D



243333



B3B3B3



333333

Same Dimension

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



0D4C4A



016360



0D2F4C



222626



006663



00E6DE

Inverse Universe

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



4C0D0F



630104



4C2A0D



262223



660003



E60007

Previews

White Background



This preview shows how the Hex color 0D4C4A looks on a white background.

Color Contrast Check

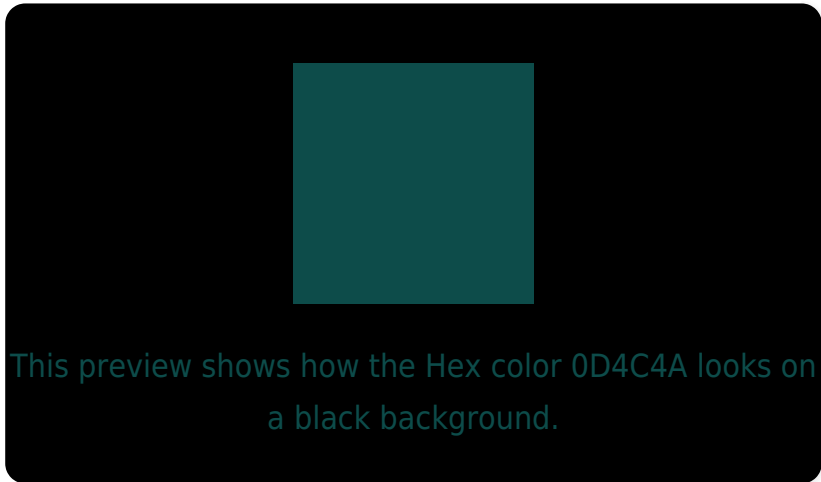
Large Text (above 18pt) WCAG AA ✓ Pass

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

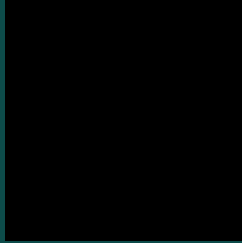
Any Text WCAG AA × Fail

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 0D4C4A Background



This preview shows how black text looks on a background with the Hex color 0D4C4A.



This preview shows how white text looks on a background with the Hex color 0D4C4A.

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
0D4C4A

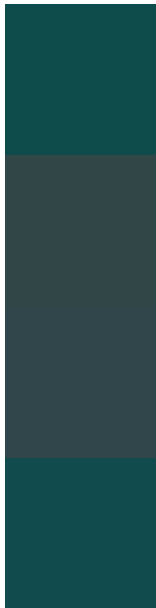
Protanopia
454345

Deuteranopia
46424C



Tritanopia
144B51

Trichromacy



Original Color
0D4C4A

Protanomaly
314647

Deuteranomaly
31464B

Tritanomaly
114B4E

Monochromacy



Original Color
0D4C4A

Achromatopsia
393939

Achromatomaly
29403F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4C4A 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 #0D4C4A looks like.

```
.text, #text, p{  
    color:#0D4C4A  
}
```

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 #0D4C4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4C4A
}
```

Border

The CSS property to change the border of an element to Hex 0D4C4A 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
#0D4C4A }
```

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

```
.border{ border-color:#0D4C4A }
```

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

Here you see how a box with a 4 pixel #0D4C4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4C4A; -webkit-box-shadow:4px 4px  
4px 4px #0D4C4A; box-shadow:4px 4px 4px  
4px #0D4C4A }
```

Background

The CSS property to change the background color of an element to Hex 0D4C4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4C4A }
```

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

```
.background{ background-color:#0D4C4A }
```

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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