

Converting Colors

Hex(0D403D)

Have a look what the booklet for
Hex(0D403D) contains.

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Color

Hex(0D403D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0D403D |
| RGB | 13, 64, 61 |
| RGB Percent | 5%, 25%, 24% |
| CMY | 0.9490, 0.7490, 0.7608 |
| CMYK | 0.80, 0.00, 0.05, 0.75 |
| HSL | 176°, 66%, 15% |
| HSV | 176°, 80%, 25% |
| XYZ | 2.8417, 4.0893, 5.0544 |
| YIQ | 48.4090, -29.4330, -11.7450 |

Conversions

Conversions Part 2

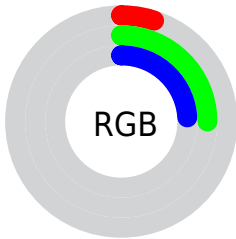
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 13, 39, 64 |
| Decimal | 868413 |
| CIELab | 23.96, -17.08, -2.97 |
| CIELCh | 24, 17.333, 189.882 |
| Yxy | 4.0893, 0.2371, 0.3412 |
| Android (android.graphics.Color) | 4279058493 (0xFF0D403D) |
| YUV | 48.4090, 6.2074, -31.0537 |
| Hunter-Lab | 20.2220, -10.3048, -0.6640 |

Details

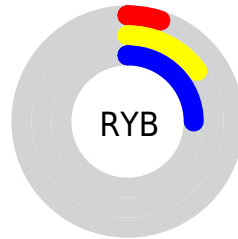
The Hex color **0D403D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **400D10**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **41706C**, and **001713** is the 20% darker color. If you saturate the color by 10%, you get **07403D**, and if you desaturate by 10%, it is **13403D**.

Distribution



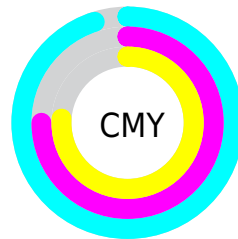
- Red (5%)
- Green (25%)
- Blue (24%)



- Red (5%)
- Yellow (15%)
- Blue (25%)



- Cyan (80%)
- Magenta (0%)
- Yellow (5%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D403D 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 0D403D by changing the saturation by 10% instead.

0D403D

0D403D

FEFFFF

002A27

41706C

001713

5A8A86

000000

74A4A0

8EBFBB

A9DBD6

C5F8F3

E1FFFF

0D403D

0D403D

■ 07403D

■ 13403D

■ 00403C

■ 1A403E

■ 20403E

■ 27403F

■ 2D403F

■ 33403F

■ 3A4040

■ 404040

■ 474040

Harmonies

Analogous

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



1F3F30



0D403D



043F49

Triad

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



0D403D



40344D



493521

Complementary

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



0D403D



400D10

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.



513129



0D403D



4D3042

Square

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



0D403D



2D3952



522F35



3D3A1F

Rectangle

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



0D403D



0F3E4F



522F35



4C3423

Sweetspot

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



0D403D



405453



10400D



1F2B2B



ABABAB



2B2B2B

Same Dimension

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



0D403D



03544F



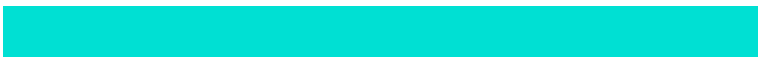
0D2A40



1E2121



00615B



00E0D3

Inverse Universe

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



400D10



540308



40230D



211E1E



610006



E0000D

Previews

White Background



This preview shows how the Hex color 0D403D looks on a white background.

Color Contrast Check

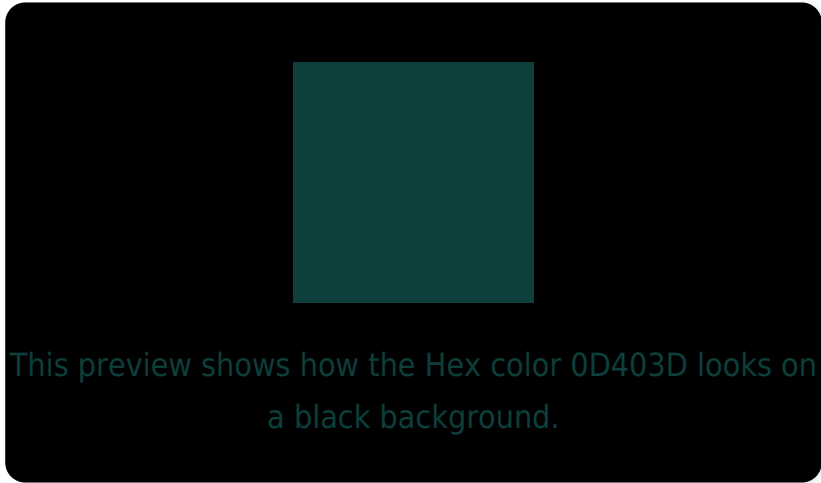
Large Text (above 18pt) WCAG AA ✓ Pass

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

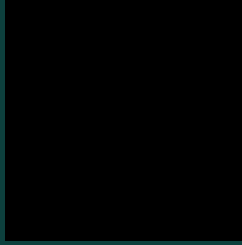
Any Text WCAG AA × Fail

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 0D403D Background



This preview shows how black text looks on a background with the Hex color 0D403D.



This preview shows how white text looks on a background with the Hex color 0D403D.

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
0D403D

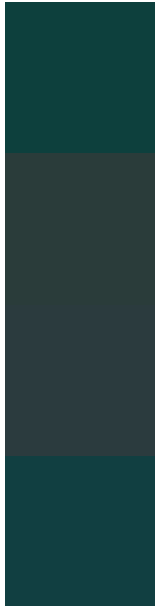
Protanopia
3A3939

Deuteranopia
3C383F



Tritanopia
133F44

Trichromacy



Original Color
0D403D

Protanomaly
2A3C3A

Deuteranomaly
2B3B3E

Tritanomaly
113F41

Monochromacy



Original Color
0D403D

Achromatopsia
303030

Achromatomaly
233635

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D403D 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 #0D403D looks like.

```
.text, #text, p{  
    color:#0D403D  
}
```

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 #0D403D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D403D
}
```

Border

The CSS property to change the border of an element to Hex 0D403D 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
#0D403D }
```

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

```
.border{ border-color:#0D403D }
```

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

Here you see how a box with a 4 pixel #0D403D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D403D; -webkit-box-shadow:4px 4px  
4px 4px #0D403D; box-shadow:4px 4px 4px  
4px #0D403D }
```

Background

The CSS property to change the background color of an element to Hex 0D403D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D403D }
```

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

```
.background{ background-color:#0D403D }
```

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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