

Converting Colors

Hex(0D493D)

Have a look what the booklet for
Hex(0D493D) contains.

Hex(0D493D)	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(0D493D)

Conversions

Conversions Part 1

Format	Color
Hex	0D493D
RGB	13, 73, 61
RGB Percent	5%, 29%, 24%
CMY	0.9490, 0.7137, 0.7608
CMYK	0.82, 0.00, 0.16, 0.71
HSL	168°, 70%, 17%
HSV	168°, 82%, 29%
XYZ	3.3908, 5.1876, 5.2375
YIQ	53.6920, -31.9080, -16.4520

Conversions

Conversions Part 2

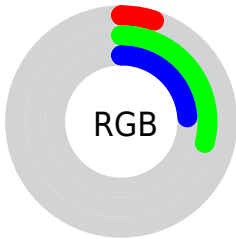
Format	Color
RYB	13, 46, 73
Decimal	870717
CIELab	27.26, -21.88, 1.85
CIELCh	27, 21.957, 175.155
Yxy	5.1876, 0.2454, 0.3755
Android (android.graphics.Color)	4279060797 (0xFF0D493D)
YUV	53.6920, 3.6028, -35.6869
Hunter-Lab	22.7762, -13.2841, 2.3095

Details

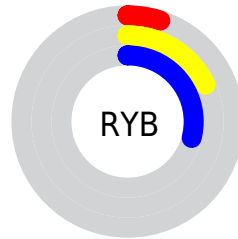
The Hex color **0D493D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490D19**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **437A6C**, and **001E13** is the 20% darker color. If you saturate the color by 10%, you get **06493C**, and if you desaturate by 10%, it is **14493E**.

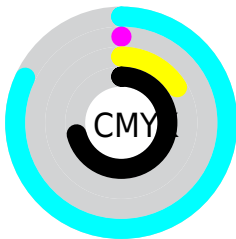
Distribution



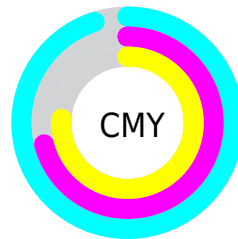
- Red (5%)
- Green (29%)
- Blue (24%)



- Red (5%)
- Yellow (18%)
- Blue (29%)



- Cyan (82%)
- Magenta (0%)
- Yellow (16%)
- Black (71%)



- Cyan (95%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D493D 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 0D493D by changing the saturation by 10% instead.

0D493D

0D493D

FFFFFF

003227

437A6C

001E13

5C9486

000000

76AFA0

91CABB

ACE7D6

C8FFF3

E4FFFF

0D493D

0D493D

■ 06493C

■ 14493E

■ 00493A

■ 1C4940

■ 234941

■ 2A4943

■ 314944

■ 394946

■ 404947

■ 474949

■ 4F494A

Harmonies

Analogous

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



29472D



0D493D



00494E

Triad

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



0D493D



3E3D5F



5A3925

Complementary

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



0D493D



490D19

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.



603433



0D493D



533754

Square

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



0D493D



204362



5E3344



4D3E1E

Rectangle

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



0D493D



004858



5E3344



5D3729

Sweetspot

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



0D493D



475E5A



19490D



22302E



B0B0B0



303030

Same Dimension

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



0D493D



015E4C



0D3749



202423



006350



00E3B6

Inverse Universe

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



490D19



5E0114



491F0D



242021



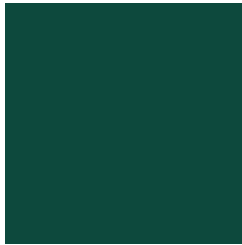
630014



E3002D

Previews

White Background



This preview shows how the Hex color 0D493D looks on a white background.

Color Contrast Check

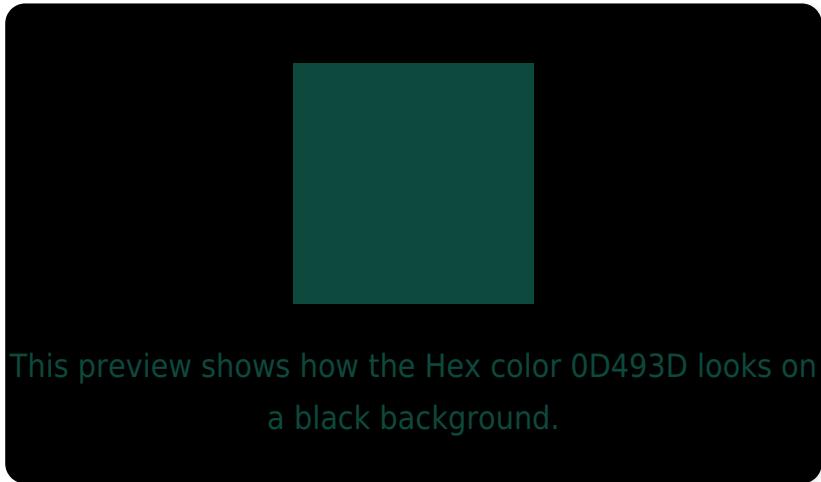
Large Text (above 18pt) WCAG AA ✓ Pass

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

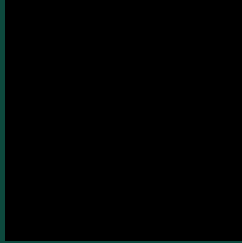
Any Text WCAG AA × Fail

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 0D493D Background



This preview shows how black text looks on a background with the Hex color 0D493D.



This preview shows how white text looks on a background with the Hex color 0D493D.

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
0D493D

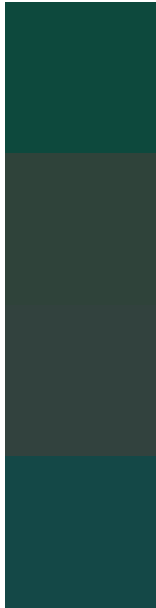
Protanopia
434038

Deuteranopia
473E3F



Tritanopia
18474D

Trichromacy



Original Color
0D493D

Protanomaly
2F433A

Deuteranomaly
32423E

Tritanomaly
144847

Monochromacy



Original Color
0D493D

Achromatopsia
363636

Achromatomaly
273D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D493D 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 #0D493D looks like.

```
.text, #text, p{  
    color:#0D493D  
}
```

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 #0D493D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D493D
}
```

Border

The CSS property to change the border of an element to Hex 0D493D 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
#0D493D }
```

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

```
.border{ border-color:#0D493D }
```

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

Here you see how a box with a 4 pixel #0D493D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D493D; -webkit-box-shadow:4px 4px  
4px 4px #0D493D; box-shadow:4px 4px 4px  
4px #0D493D }
```

Background

The CSS property to change the background color of an element to Hex 0D493D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D493D }
```

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

```
.background{ background-color:#0D493D }
```

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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