

Converting Colors

Hex(0A4C3D)

Have a look what the booklet for
Hex(0A4C3D) contains.

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Color

Hex(0A4C3D)

Conversions

Conversions Part 1

Format	Color
Hex	0A4C3D
RGB	10, 76, 61
RGB Percent	4%, 30%, 24%
CMY	0.9608, 0.7020, 0.7608
CMYK	0.87, 0.00, 0.20, 0.70
HSL	166°, 77%, 17%
HSV	166°, 87%, 30%
XYZ	3.5519, 5.5703, 5.3029
YIQ	54.5560, -34.5210, -18.6570

Conversions

Conversions Part 2

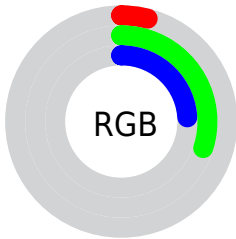
Format	Color
RYB	10, 47, 76
Decimal	674877
CIELab	28.30, -23.79, 3.34
CIELCh	28, 24.024, 171.998
Yxy	5.5703, 0.2462, 0.3862
Android (android.graphics.Color)	4278864957 (0xFF0A4C3D)
YUV	54.5560, 3.1769, -39.0756
Hunter-Lab	23.6016, -14.4393, 3.1997

Details

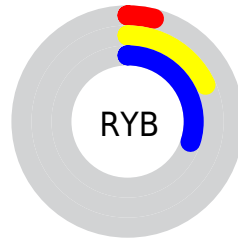
The Hex color **0A4C3D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4C0A19**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **427D6C**, and **002013** is the 20% darker color. If you saturate the color by 10%, you get **024C3B**, and if you desaturate by 10%, it is **124C3F**.

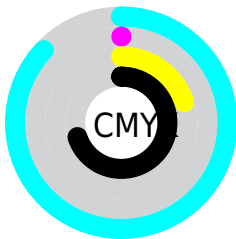
Distribution



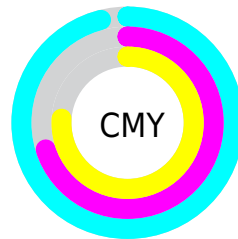
- Red (4%)
- Green (30%)
- Blue (24%)



- Red (4%)
- Yellow (18%)
- Blue (30%)



- Cyan (87%)
- Magenta (0%)
- Yellow (20%)
- Black (70%)



- Cyan (96%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4C3D 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 0A4C3D by changing the saturation by 10% instead.



0A4C3D



0A4C3D

FFFFFF



003527



427D6C



002013



5C9886



000000



76B2A0



90CEBB



ACEAD6



C8FFF3



E4FFFF



0A4C3D



0A4C3D

■ 024C3B

■ 124C3F

■ 004C3B

■ 194C40

■ 214C42

■ 284C44

■ 304C46

■ 384C47

■ 3F4C49

■ 474C4B

■ 4E4C4D

Harmonies

Analogous

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



2B4A2B



0A4C3D



004C50

Triad

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



0A4C3D



3D4065



603926

Complementary

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



0A4C3D



4C0A19

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.



663436



0A4C3D



55395A

Square

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



0A4C3D



184667



633449



52401E

Rectangle

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



0A4C3D



004B5B



633449



63372B

Sweetspot

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



0A4C3D



4A635E



194C0A



23332F



B3B3B3



333333

Same Dimension

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



0A4C3D



00634D



0A3A4C



222625



00664F



00E6B1

Inverse Universe

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



4C0A19



630017



4C1C0A



262223



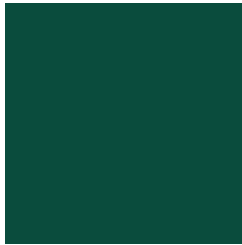
660017



E60034

Previews

White Background



This preview shows how the Hex color 0A4C3D looks on a white background.

Color Contrast Check

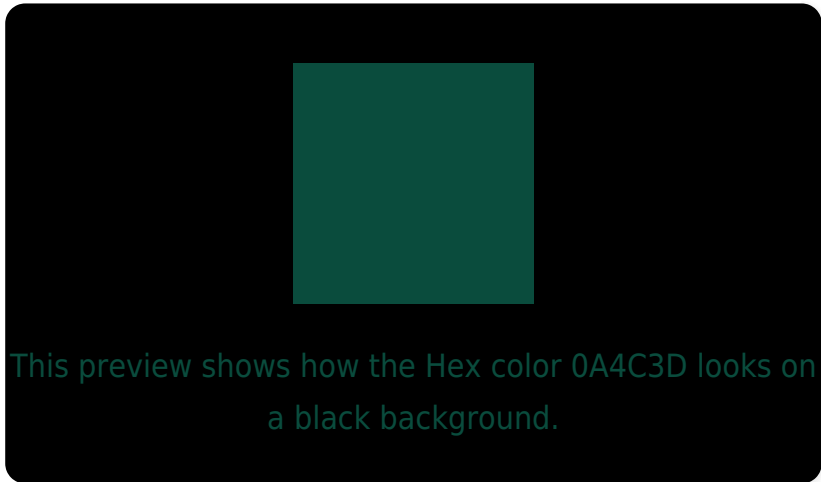
Large Text (above 18pt) WCAG AA ✓ Pass

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

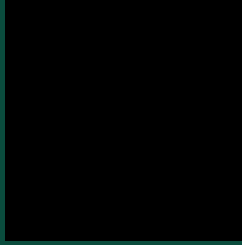
Any Text WCAG AA × Fail

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 0A4C3D Background



This preview shows how black text looks on a background with the Hex color 0A4C3D.



This preview shows how white text looks on a background with the Hex color 0A4C3D.

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](#).

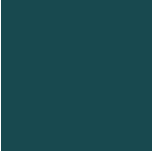
Dichromacy



Original Color
0A4C3D

Protanopia
464338

Deuteranopia
4A4140



Tritanopia
18494F

Trichromacy



Original Color
0A4C3D

Protanomaly
30463A

Deuteranomaly
33453F

Tritanomaly
134A48

Monochromacy



Original Color
0A4C3D

Achromatopsia
373737

Achromatomaly
273F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4C3D 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 #0A4C3D looks like.

```
.text, #text, p{  
    color:#0A4C3D  
}
```

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 #0A4C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4C3D
}
```

Border

The CSS property to change the border of an element to Hex 0A4C3D 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".

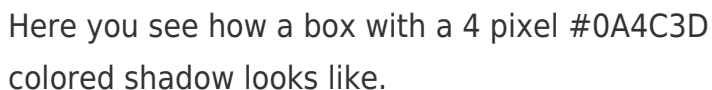
```
.border, #border, table{ border:4px solid
#0A4C3D }
```

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

```
.border{ border-color:#0A4C3D }
```

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

Here you see how a box with a 4 pixel #0A4C3D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4C3D; -webkit-box-shadow:4px 4px  
4px 4px #0A4C3D; box-shadow:4px 4px 4px  
4px #0A4C3D }
```

Background

The CSS property to change the background color of an element to Hex 0A4C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4C3D }
```

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

```
.background{ background-color:#0A4C3D }
```

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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