

Converting Colors

Hex(0A4A26)

Have a look what the booklet for
Hex(0A4A26) contains.

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Color

Hex(0A4A26)

Conversions

Conversions Part 1

Format	Color
Hex	0A4A26
RGB	10, 74, 38
RGB Percent	4%, 29%, 15%
CMY	0.9608, 0.7098, 0.8510
CMYK	0.86, 0.00, 0.49, 0.71
HSL	146°, 76%, 16%
HSV	146°, 86%, 29%
XYZ	2.9238, 5.1020, 2.6644
YIQ	50.7600, -26.5880, -24.7640

Conversions

Conversions Part 2

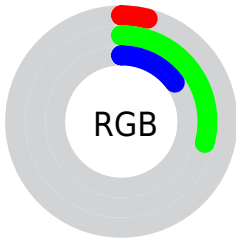
Format	Color
RYB	10, 55, 74
Decimal	674342
CIELab	27.02, -28.78, 16.11
CIELCh	27, 32.985, 150.756
Yxy	5.1020, 0.2735, 0.4773
Android (android.graphics.Color)	4278864422 (0xFF0A4A26)
YUV	50.7600, -6.2907, -35.7465
Hunter-Lab	22.5877, -16.4229, 8.8176

Details

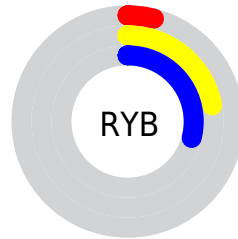
The Hex color **0A4A26** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4A0A2E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **417B53**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **034A22**, and if you desaturate by 10%, it is **114A2A**.

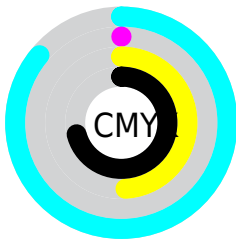
Distribution



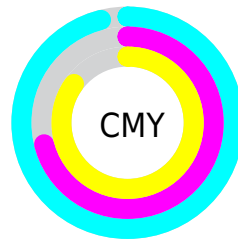
- Red (4%)
- Green (29%)
- Blue (15%)



- Red (4%)
- Yellow (22%)
- Blue (29%)



- Cyan (86%)
- Magenta (0%)
- Yellow (49%)
- Black (71%)



- Cyan (96%)
- Magenta (71%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4A26 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 0A4A26 by changing the saturation by 10% instead.



0A4A26



0A4A26

FFFFFF



003311



417B53



002000



5A966C



000000



74B085



8FCC9F



AAE8BA



C6FFD6



E2FFF3



0A4A26



0A4A26

■ 034A22

■ 114A2A

■ 004A20

■ 194A2E

■ 204A32

■ 284A37

■ 2F4A3B

■ 364A3F

■ 3E4A43

■ 454A47

■ 4D4A4B

Harmonies

Analogous

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



334611



0A4A26



004C40

Triad

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



0A4A26



004372



6C2C28

Complementary

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



0A4A26



4A0A2E

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.



6C2840



0A4A26



41396B

Square

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



0A4A26



00496C



5F2E59



603513

Rectangle

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



0A4A26



004C51



5F2E59



6D292F

Sweetspot

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



0A4A26



486153



2E4A0A



213028



B0B0B0



303030

Same Dimension

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



0A4A26



00612A



0A4A46



222624



00662D



00E664

Inverse Universe

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



4A0A2E



610037



4A0A0E



262225



660039



E60081

Previews

White Background



This preview shows how the Hex color 0A4A26 looks on a white background.

Color Contrast Check

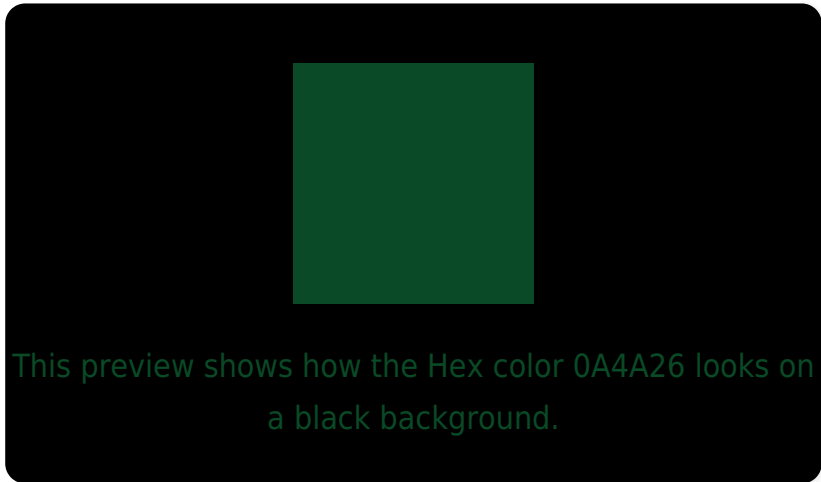
Large Text (above 18pt) WCAG AA ✓ Pass

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

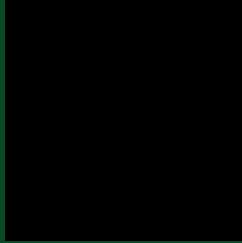
Any Text WCAG AA × Fail

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 0A4A26 Background



This preview shows how black text looks on a background with the Hex color 0A4A26.



This preview shows how white text looks on a background with the Hex color 0A4A26.

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](#).

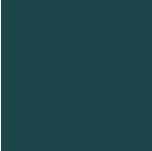
Dichromacy



Original Color
0A4A26

Protanopia
464022

Deuteranopia
4D3D29



Tritanopia
1D464B

Trichromacy



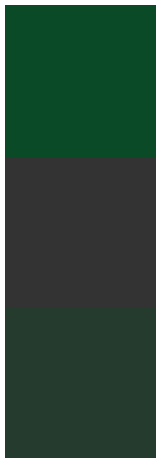
Original Color
0A4A26

Protanomaly
304423

Deuteranomaly
354228

Tritanomaly
16473E

Monochromacy



Original Color
0A4A26

Achromatopsia
333333

Achromatomaly
243B2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4A26 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 #0A4A26 looks like.

```
.text, #text, p{  
    color:#0A4A26  
}
```

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 #0A4A26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4A26
}
```

Border

The CSS property to change the border of an element to Hex 0A4A26 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".

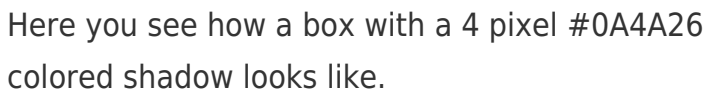
```
.border, #border, table{ border:4px solid
#0A4A26 }
```

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

```
.border{ border-color:#0A4A26 }
```

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

Here you see how a box with a 4 pixel #0A4A26 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4A26; -webkit-box-shadow:4px 4px  
4px 4px #0A4A26; box-shadow:4px 4px 4px  
4px #0A4A26 }
```

Background

The CSS property to change the background color of an element to Hex 0A4A26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4A26 }
```

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

```
.background{ background-color:#0A4A26 }
```

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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