

Converting Colors

Hex(0A4923)

Have a look what the booklet for
Hex(0A4923) contains.

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Color

Hex(0A4923)

Conversions

Conversions Part 1

Format	Color
Hex	0A4923
RGB	10, 73, 35
RGB Percent	4%, 29%, 14%
CMY	0.9608, 0.7137, 0.8627
CMYK	0.86, 0.00, 0.52, 0.71
HSL	144°, 76%, 16%
HSV	144°, 86%, 29%
XYZ	2.81111, 4.9510, 2.3976
YIQ	49.8310, -25.3500, -25.1740

Conversions

Conversions Part 2

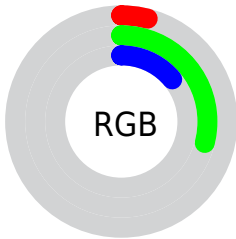
Format	Color
RYB	10, 55, 73
Decimal	674083
CIELab	26.59, -28.97, 17.38
CIElCh	27, 33.786, 149.038
Yxy	4.9510, 0.2767, 0.4873
Android (android.graphics.Color)	4278864163 (0xFF0A4923)
YUV	49.8310, -7.3117, -34.9318
Hunter-Lab	22.2508, -16.3877, 9.1869

Details

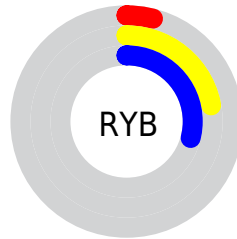
The Hex color **0A4923** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **490A30**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **417A50**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **03491F**, and if you desaturate by 10%, it is **114927**.

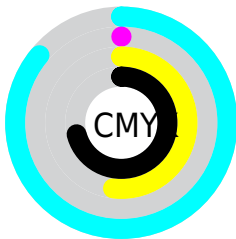
Distribution



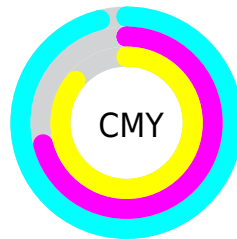
- Red (4%)
- Green (29%)
- Blue (14%)



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



- Cyan (86%)
- Magenta (0%)
- Yellow (52%)
- Black (71%)



- Cyan (96%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4923 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 0A4923 by changing the saturation by 10% instead.

■ 0A4923

■ 0A4923

FFFFFF

■ 00320E

■ 417A50

■ 001F00

■ 5A9468

■ 000000

■ 74AF82

■ 8ECB9C

■ AAE7B7

■ C5FFD3

■ E2FFE7

■ 0A4923

■ 0A4923

■ 03491F

■ 114927

■ 00491D

■ 19492C

■ 204930

■ 274935

■ 2E4939

■ 36493D

■ 3D4942

■ 444946

■ 4C494B

Harmonies

Analogous

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



33450D



0A4923



004B3D

Triad

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



0A4923



004272



6C2927

Complementary

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



0A4923



490A30

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.



6C2641



0A4923



3D386C

Square

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



0A4923



00486B



5D2D5A



603312

Rectangle

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



0A4923



004B4F



5D2D5A



6D2730

Sweetspot

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



0A4923



465E50



31490A



213027



B0B0B0



303030

Same Dimension

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



0A4923



005E25



0A4942



202422



006327



00E35A

Inverse Universe

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



490A30



5E0039



490A11



242022



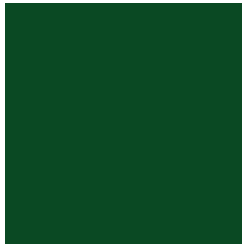
63003C



E30089

Previews

White Background



This preview shows how the Hex color 0A4923 looks on a white background.

Color Contrast Check

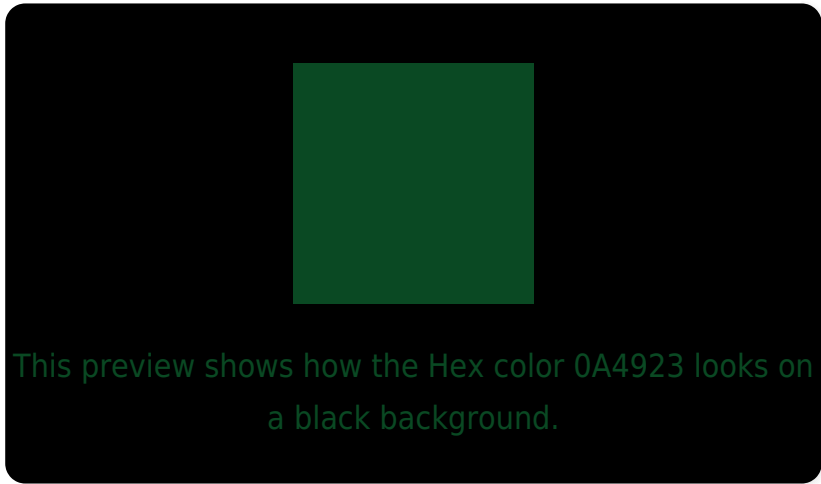
Large Text (above 18pt) WCAG AA ✓ Pass

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

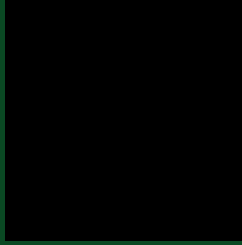
Any Text WCAG AA × Fail

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 0A4923 Background



This preview shows how black text looks on a background with the Hex color 0A4923.



This preview shows how white text looks on a background with the Hex color 0A4923.

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

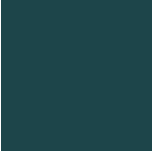
0A4923

Protanopia

463F20

Deuteranopia

4C3C26



Tritanopia
1D454A

Trichromacy



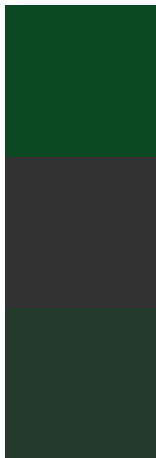
Original Color
0A4923

Protanomaly
304321

Deuteranomaly
344125

Tritanomaly
16463C

Monochromacy



Original Color
0A4923

Achromatopsia
323232

Achromatomaly
233A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4923 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 #0A4923 looks like.

```
.text, #text, p{  
    color:#0A4923  
}
```

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 #0A4923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4923
}
```

Border

The CSS property to change the border of an element to Hex 0A4923 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".

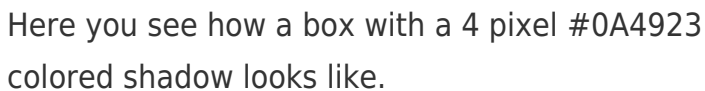
```
.border, #border, table{ border:4px solid
#0A4923 }
```

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

```
.border{ border-color:#0A4923 }
```

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

Here you see how a box with a 4 pixel #0A4923 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4923; -webkit-box-shadow:4px 4px  
4px 4px #0A4923; box-shadow:4px 4px 4px  
4px #0A4923 }
```

Background

The CSS property to change the background color of an element to Hex 0A4923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4923 }
```

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

```
.background{ background-color:#0A4923 }
```

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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