

Converting Colors

Hex(0A2901)

Have a look what the booklet for
Hex(0A2901) contains.

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Color

Hex(0A2901)

Conversions

Conversions Part 1

Format	Color
Hex	0A2901
RGB	10, 41, 1
RGB Percent	4%, 16%, 0%
CMY	0.9608, 0.8392, 0.9961
CMYK	0.76, 0.00, 0.98, 0.84
HSL	106°, 95%, 8%
HSV	106°, 98%, 16%
XYZ	0.9236, 1.6526, 0.2990
YIQ	27.1710, -5.6360, -19.0120

Conversions

Conversions Part 2

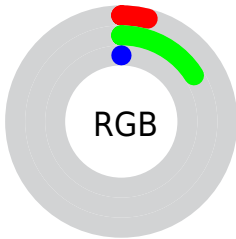
Format	Color
R_YB	1, 41, 32
Decimal	665857
CIE Lab	13.55, -20.66, 19.08
CIE LCh	14, 28.123, 137.279
Yxy	1.6526, 0.3212, 0.5748
Android (android.graphics.Color)	4278855937 (0xFF0A2901)
YUV	27.1710, -12.9023, -15.0590
Hunter-Lab	12.8553, -9.6725, 7.6196

Details

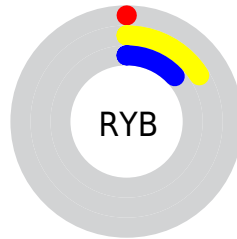
The Hex color **0A2901** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **200129**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **365730**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **092900**, and if you desaturate by 10%, it is **0D2905**.

Distribution



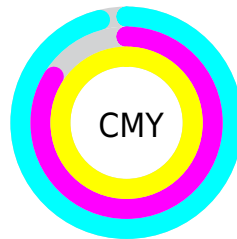
- Red (4%)
- Green (16%)
- Blue (0%)



- Red (0%)
- Yellow (16%)
- Blue (13%)



- Cyan (76%)
- Magenta (0%)
- Yellow (98%)
- Black (84%)



- Cyan (96%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A2901 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 0A2901 by changing the saturation by 10% instead.

 0A2901

 0A2901

 EEF3E3

 001500

 365730

 000000

 4E6F46

 67895E

 80A377

 9BBE91

 B6DAAC

 D2F7C7

 0A2901

 0A2901

■ 092900

■ 0D2905

■ 102909

■ 14290D

■ 172911

■ 1A2916

■ 1D291A

■ 20291E

■ 232922

■ 272926

Harmonies

Analogous

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



222500



0A2901



002B19

Triad

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



0A2901



002749



450E18

Complementary

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



0A2901



200129

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.



410F2C



0A2901



0E2148

Square

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



0A2901



002B3F



31183D



401600

Rectangle

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



0A2901



002C27



31183D



450D1F

Sweetspot

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



0A2901



2A3626



292001



141C12



9C9C9C



1C1C1C

Same Dimension

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



0A2901



0C3600



01290C



131412



135400



30D400

Inverse Universe

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



200129



2A0036



29011E



141214



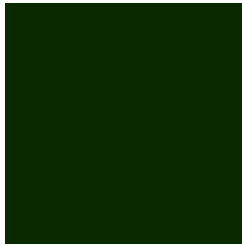
410054



A400D4

Previews

White Background



This preview shows how the Hex color 0A2901 looks on a white background.

Color Contrast Check

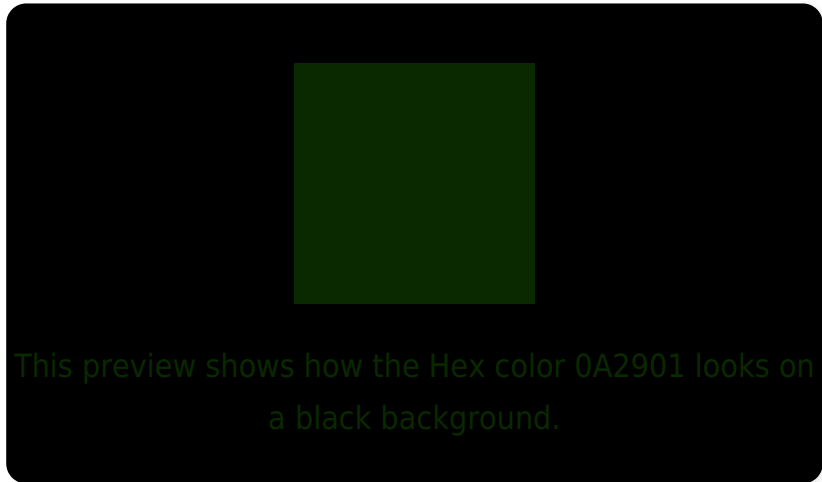
Large Text (above 18pt) WCAG AA ✓ Pass

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

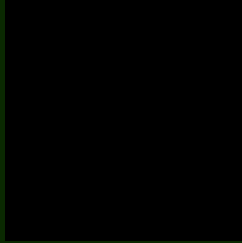
Any Text WCAG AA × Fail

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 0A2901 Background



This preview shows how black text looks on a background with the Hex color 0A2901.



This preview shows how white text looks on a background with the Hex color 0A2901.

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
0A2901

Protanopia
282300

Deuteranopia
2C2109



Tritanopia
132629

Trichromacy



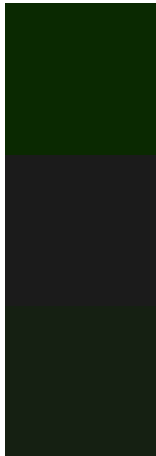
Original Color
0A2901

Protanomaly
1D2500

Deuteranomaly
202406

Tritanomaly
10271A

Monochromacy



Original Color
0A2901

Achromatopsia
1B1B1B

Achromatomaly
152012

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A2901 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 #0A2901 looks like.

```
.text, #text, p{  
    color:#0A2901  
}
```

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 #0A2901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2901
}
```

Border

The CSS property to change the border of an element to Hex 0A2901 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".

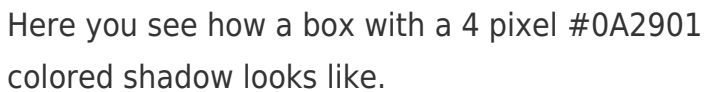
```
.border, #border, table{ border:4px solid
#0A2901 }
```

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

```
.border{ border-color:#0A2901 }
```

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

Here you see how a box with a 4 pixel #0A2901 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2901; -webkit-box-shadow:4px 4px  
4px 4px #0A2901; box-shadow:4px 4px 4px  
4px #0A2901 }
```

Background

The CSS property to change the background color of an element to Hex 0A2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2901 }
```

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

```
.background{ background-color:#0A2901 }
```

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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