

Converting Colors

Hex(0A5013)

Have a look what the booklet for
Hex(0A5013) contains.

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Color

Hex(0A5013)

Conversions

Conversions Part 1

Format	Color
Hex	0A5013
RGB	10, 80, 19
RGB Percent	4%, 31%, 7%
CMY	0.9608, 0.6863, 0.9255
CMYK	0.88, 0.00, 0.76, 0.69
HSL	128°, 78%, 18%
HSV	128°, 88%, 31%
XYZ	3.1114, 5.8489, 1.5811
YIQ	52.1160, -22.1390, -33.8110

Conversions

Conversions Part 2

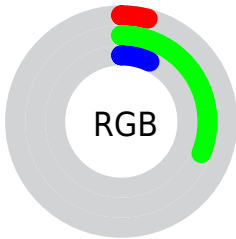
Format	Color
RYB	10, 72, 80
Decimal	675859
CIELab	29.03, -34.14, 28.84
CIELCh	29, 44.691, 139.809
Yxy	5.8489, 0.2952, 0.5549
Android (android.graphics.Color)	4278865939 (0xFF0A5013)
YUV	52.1160, -16.3262, -36.9357
Hunter-Lab	24.1844, -19.3584, 13.0530

Details

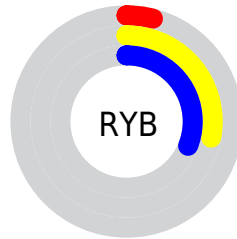
The Hex color **0A5013** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **500A47**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **448241**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **02500C**, and if you desaturate by 10%, it is **12501A**.

Distribution



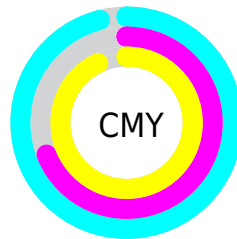
- Red (4%)
- Green (31%)
- Blue (7%)



- Red (4%)
- Yellow (28%)
- Blue (31%)



- Cyan (88%)
- Magenta (0%)
- Yellow (76%)
- Black (69%)



- Cyan (96%)
- Magenta (69%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A5013 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 0A5013 by changing the saturation by 10% instead.

 0A5013

 0A5013

 FFFFFFFB

 003800

 448241

 002400

 5E9D5A

 000000

 78B873

 93D48C

 AFF0A7

 CBFFC3

 E7FFDF

 0A5013

 0A5013

■ 02500C

■ 12501A

■ 00500A

■ 1A5021

■ 225028

■ 2A502F

■ 325036

■ 3A503D

■ 425044

■ 4A504B

■ 525052

Harmonies

Analogous

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



3E4A00



0A5013



005337

Triad

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



0A5013



004C89



81202F

Complementary

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



0A5013



500A47

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.



7C1F52



0A5013



264086

Square

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



0A5013



005279



622F72



752F0F

Rectangle

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



0A5013



00544F



622F72



811D3B

Sweetspot

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



0A5013



4D6951



48500A



253627



B5B5B5



363636

Same Dimension

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



0A5013



00690D



0A5035



252925



00E81E

Inverse Universe

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



500A47



69005B



500A25



292528



E800CA

Previews

White Background



This preview shows how the Hex color 0A5013 looks on a white background.

Color Contrast Check

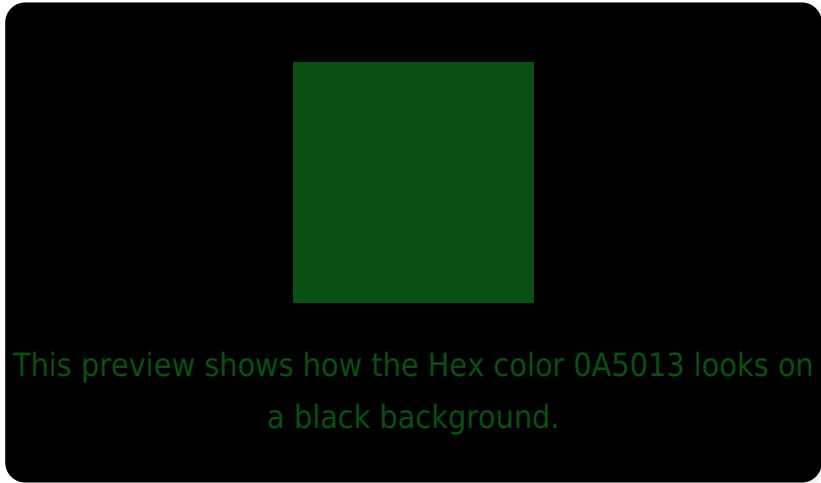
Large Text (above 18pt) WCAG AA ✓ Pass

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

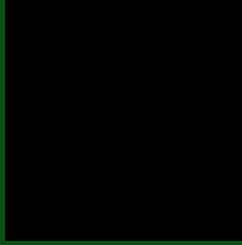
Any Text WCAG AA × Fail

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 0A5013 Background



This preview shows how black text looks on a background with the Hex color 0A5013.



This preview shows how white text looks on a background with the Hex color 0A5013.

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
0A5013

Protanopia
4D4510

Deuteranopia
554119



Tritanopia
224B51

Trichromacy



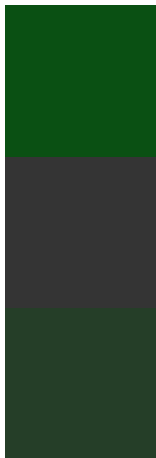
Original Color
0A5013

Protanomaly
354911

Deuteranomaly
3A4617

Tritanomaly
194D3A

Monochromacy



Original Color
0A5013

Achromatopsia
343434

Achromatomaly
253E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A5013 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 #0A5013 looks like.

```
.text, #text, p{  
    color:#0A5013  
}
```

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 #0A5013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5013
}
```

Border

The CSS property to change the border of an element to Hex 0A5013 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".

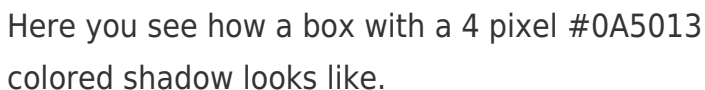
```
.border, #border, table{ border:4px solid
#0A5013 }
```

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

```
.border{ border-color:#0A5013 }
```

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

Here you see how a box with a 4 pixel #0A5013 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5013; -webkit-box-shadow:4px 4px  
4px 4px #0A5013; box-shadow:4px 4px 4px  
4px #0A5013 }
```

Background

The CSS property to change the background color of an element to Hex 0A5013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5013 }
```

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

```
.background{ background-color:#0A5013 }
```

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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