

Converting Colors

Hex(0A3700)

Have a look what the booklet for
Hex(0A3700) contains.

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Color

Hex(0A3700)

Conversions

Conversions Part 1

Format	Color
Hex	0A3700
RGB	10, 55, 0
RGB Percent	4%, 22%, 0%
CMY	0.9608, 0.7843, 1.0000
CMYK	0.82, 0.00, 1.00, 0.78
HSL	109°, 100%, 11%
HSV	109°, 100%, 22%
XYZ	1.4914, 2.7969, 0.4613
YIQ	35.2750, -9.1650, -26.6450

Conversions

Conversions Part 2

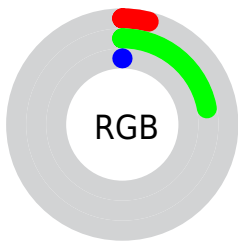
Format	Color
RYB	0, 55, 45
Decimal	669440
CIELab	19.21, -26.60, 26.53
CIELCh	19, 37.564, 135.078
Yxy	2.7969, 0.3140, 0.5889
Android (android.graphics.Color)	4278859520 (0xFF0A3700)
YUV	35.2750, -17.3906, -22.1662
Hunter-Lab	16.7240, -13.3491, 10.0715

Details

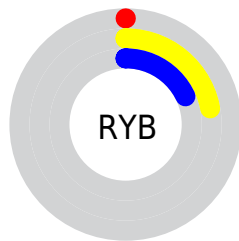
The Hex color **0A3700** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D0037**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3C672F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A3700**, and if you desaturate by 10%, it is **0E3705**.

Distribution



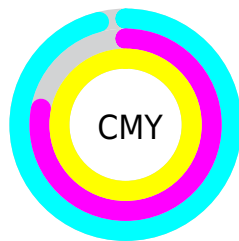
- Red (4%)
- Green (22%)
- Blue (0%)



- Red (0%)
- Yellow (22%)
- Blue (18%)



- Cyan (82%)
- Magenta (0%)
- Yellow (100%)
- Black (78%)



- Cyan (96%)
- Magenta (78%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A3700 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 0A3700 by changing the saturation by 10% instead.

 0A3700

 0A3700

 F8FFE4

 002200

 3C672F

 000000

 558046

 6E9A5F

 88B578

 A3D192

 BFEDAC

 DBFFC8

 0A3700

■ 0E3705

■ 13370B

■ 183711

■ 1C3716

■ 21371C

■ 253721

■ 2A3727

■ 2E372C

■ 333732

Harmonies

Analogous

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



2E3200



0A3700



003A20

Triad

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



0A3700



003664



5E0E22

Complementary

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



0A3700



2D0037

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.



58113D



0A3700



002D64

Square

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



0A3700



003A55



402056



571B05

Rectangle

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



0A3700



003A33



402056



5E0C2B

Sweetspot

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



0A3700



364732



372D00



192417



A3A3A3



242424

Same Dimension

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



0A3700



0D4700



003711



1A1C19



115C00



28DB00

Inverse Universe

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



2D0037



3A0047



370026



1C191C



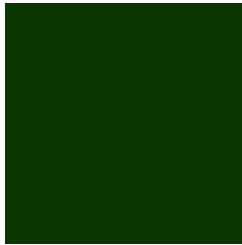
4B005C



B300DB

Previews

White Background



This preview shows how the Hex color 0A3700 looks on a white background.

Color Contrast Check

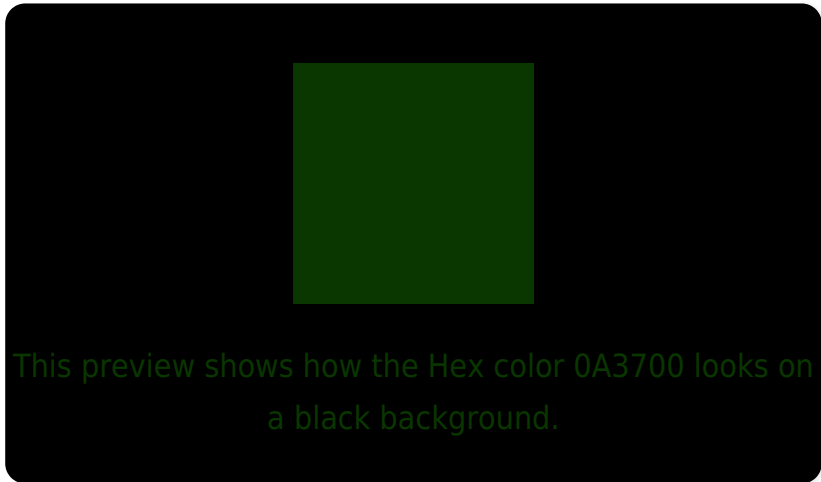
Large Text (above 18pt) WCAG AA ✓ Pass

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

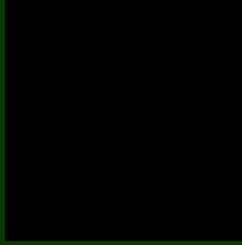
Any Text WCAG AA × Fail

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 0A3700 Background



This preview shows how black text looks on a background with the Hex color 0A3700.



This preview shows how white text looks on a background with the Hex color 0A3700.

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](#).

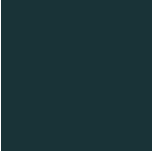
Dichromacy



Original Color
0A3700

Protanopia
352F00

Deuteranopia
3B2D0C



Tritanopia
193337

Trichromacy



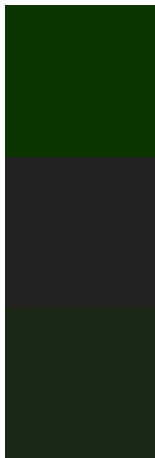
Original Color
0A3700

Protanomaly
253200

Deuteranomaly
293108

Tritanomaly
143423

Monochromacy



Original Color
0A3700

Achromatopsia
232323

Achromatomaly
1A2A16

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A3700 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 #0A3700 looks like.

```
.text, #text, p{  
    color:#0A3700  
}
```

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 #0A3700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3700
}
```

Border

The CSS property to change the border of an element to Hex 0A3700 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
#0A3700 }
```

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

```
.border{ border-color:#0A3700 }
```

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

Here you see how a box with a 4 pixel #0A3700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3700; -webkit-box-shadow:4px 4px  
4px 4px #0A3700; box-shadow:4px 4px 4px  
4px #0A3700 }
```

Background

The CSS property to change the background color of an element to Hex 0A3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3700 }
```

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

```
.background{ background-color:#0A3700 }
```

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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