

Converting Colors

Hex(0A5800)

Have a look what the booklet for
Hex(0A5800) contains.

Hex(0A5800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0A5800)

Conversions

Conversions Part 1

Format	Color
Hex	0A5800
RGB	10, 88, 0
RGB Percent	4%, 35%, 0%
CMY	0.9608, 0.6549, 1.0000
CMYK	0.89, 0.00, 1.00, 0.65
HSL	113°, 100%, 17%
HSV	113°, 100%, 35%
XYZ	3.6149, 7.0440, 1.1691
YIQ	54.6460, -18.2400, -43.9040

Conversions

Conversions Part 2

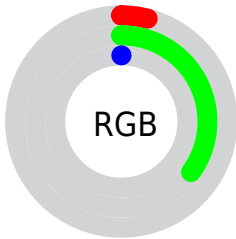
Format	Color
RYB	0, 88, 78
Decimal	677888
CIELab	31.91, -38.35, 38.48
CIELCh	32, 54.322, 134.905
Yxy	7.0440, 0.3056, 0.5955
Android (android.graphics.Color)	4278867968 (0xFF0A5800)
YUV	54.6460, -26.9405, -39.1545
Hunter-Lab	26.5405, -22.1336, 15.9666

Details

The Hex color **0A5800** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4E0058**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **488B35**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **0A5800**, and if you desaturate by 10%, it is **125809**.

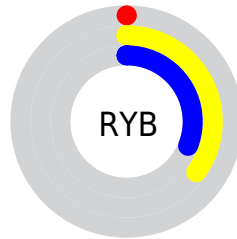
Distribution



Red (4%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (31%)

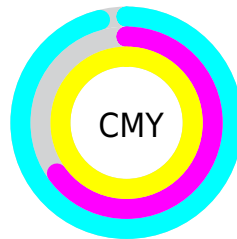


Cyan (89%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (96%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A5800 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 0A5800 by changing the saturation by 10% instead.

 0A5800

 0A5800

 FFFFF0

 004000

 488B35

 002A00

 62A64E

 000D00

 7DC167

 000000

 99DD81

 B5FA9C

 D1FFB7

 EEFFD3


 0A5800

 125809

 1A5812

 21581A

 295823

 31582C

 395835

 41583E

 485846

 50584F

Harmonies

Analogous

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



495000



0A5800



005C33

Triad

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



0A5800



00569E



941238

Complementary

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



0A5800



4E0058

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.



8B1862



0A5800



00499F

Square

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



0A5800



005C87



663488



882B0E

Rectangle

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



0A5800



005D51



663488



940E46

Sweetspot

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



0A5800



547350



584E00



283B26



BABABA



3B3B3B

Same Dimension

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



0A5800



0D7300



005822



282B27



0C6B00



1BEB00

Inverse Universe

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



4E0058



660073



580036



2B272B



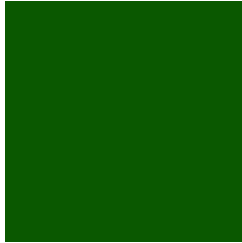
5F006B



D000EB

Previews

White Background



This preview shows how the Hex color 0A5800 looks on a white background.

Color Contrast Check

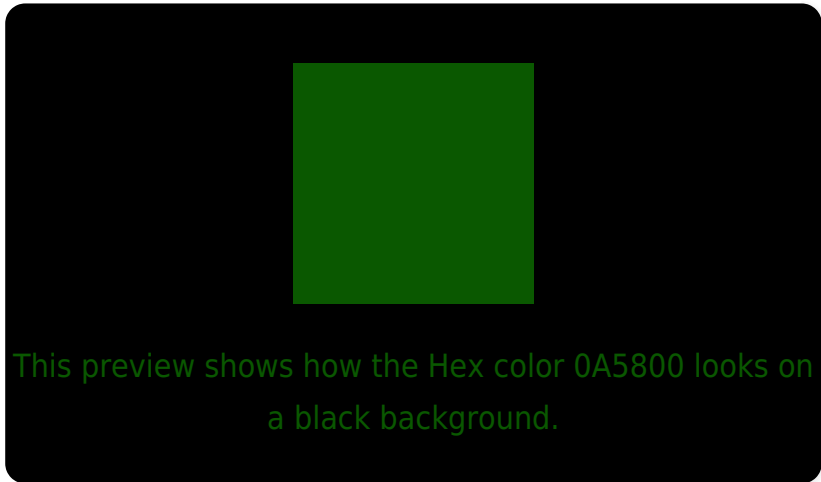
Large Text (above 18pt) WCAG AA ✓ Pass

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

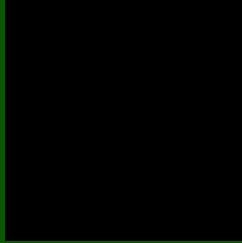
Any Text WCAG AA × Fail

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 0A5800 Background



This preview shows how black text looks on a background with the Hex color 0A5800.



This preview shows how white text looks on a background with the Hex color 0A5800.

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](#).

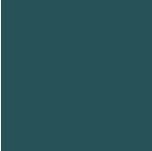
Dichromacy



Original Color
0A5800

Protanopia
554B00

Deuteranopia
5F4713



Tritanopia
265258

Trichromacy



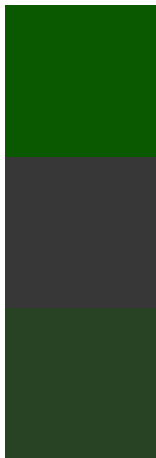
Original Color
0A5800

Protanomaly
3A5000

Deuteranomaly
404D0C

Tritanomaly
1C5438

Monochromacy



Original Color
0A5800

Achromatopsia
373737

Achromatomaly
274323

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A5800 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 #0A5800 looks like.

```
.text, #text, p{  
    color:#0A5800  
}
```

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 #0A5800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5800
}
```

Border

The CSS property to change the border of an element to Hex 0A5800 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".

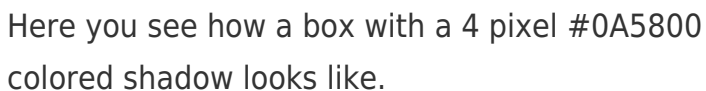
```
.border, #border, table{ border:4px solid
#0A5800 }
```

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

```
.border{ border-color:#0A5800 }
```

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

Here you see how a box with a 4 pixel #0A5800 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5800; -webkit-box-shadow:4px 4px  
4px 4px #0A5800; box-shadow:4px 4px 4px  
4px #0A5800 }
```

Background

The CSS property to change the background color of an element to Hex 0A5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5800 }
```

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

```
.background{ background-color:#0A5800 }
```

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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