

Converting Colors

Hex(0B5500)

Have a look what the booklet for
Hex(0B5500) contains.

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Color

Hex(0B5500)

Conversions

Conversions Part 1

Format	Color
Hex	0B5500
RGB	11, 85, 0
RGB Percent	4%, 33%, 0%
CMY	0.9569, 0.6667, 1.0000
CMYK	0.87, 0.00, 1.00, 0.67
HSL	112°, 100%, 17%
HSV	112°, 100%, 33%
XYZ	3.3865, 6.5681, 1.0893
YIQ	53.1840, -16.8190, -42.1230

Conversions

Conversions Part 2

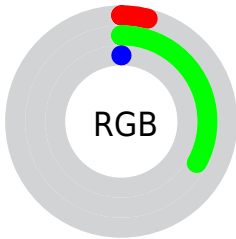
Format	Color
RYB	0, 85, 74
Decimal	742656
CIELab	30.80, -37.21, 37.60
CIELCh	31, 52.898, 134.700
Yxy	6.5681, 0.3066, 0.5947
Android (android.graphics.Color)	4278932736 (0xFF0B5500)
YUV	53.1840, -26.2197, -36.9954
Hunter-Lab	25.6284, -21.2629, 15.4199

Details

The Hex color **0B5500** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4A0055**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **478834**, and **002800** is the 20% darker color. If you saturate the color by 10%, you get **0B5500**, and if you desaturate by 10%, it is **125508**.

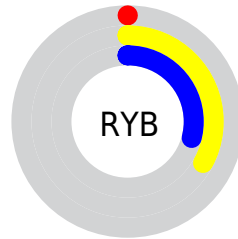
Distribution



Red (4%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (29%)

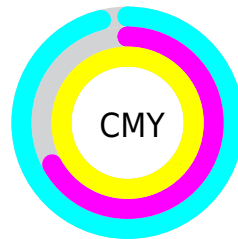


Cyan (87%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (96%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B5500 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 0B5500 by changing the saturation by 10% instead.

 0B5500

 0B5500

 FFFFEE

 003D00

 478834

 002800

 62A24D

 000500

 7CBE66

 000000

 98DA80

 B4F69B

 D0FFB6

 EDFFD2

 0B5500

■ 125508

■ 1A5511

■ 215519

■ 295522

■ 30552A

■ 375533

■ 3F553B

■ 465544

■ 4E554C

Harmonies

Analogous

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



474D00



0B5500



005931

Triad

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



0B5500



005399



901136

Complementary

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



0B5500



4A0055

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.



86185F



0B5500



004799

Square

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



0B5500



005982



623284



842A0E

Rectangle

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



0B5500



005A4E



623284



8F0E44

Sweetspot

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



0B5500



516E4D



554A00



273824



B8B8B8



383838

Same Dimension

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



0B5500



0E6E00



00551F



282B27



0E6B00



1EEB00

Inverse Universe

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



4A0055



5F006E



550036



2B272B



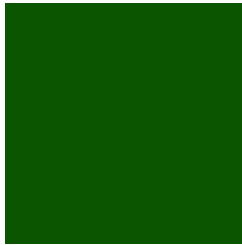
5D006B



CC00EB

Previews

White Background



This preview shows how the Hex color 0B5500 looks on a white background.

Color Contrast Check

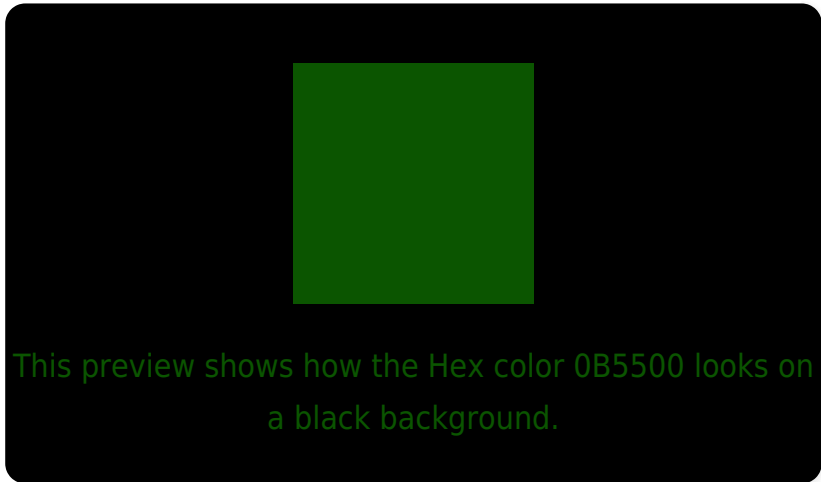
Large Text (above 18pt) WCAG AA ✓ Pass

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

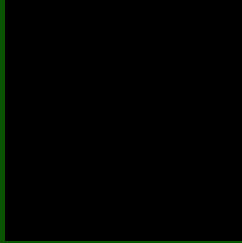
Any Text WCAG AA × Fail

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 0B5500 Background



This preview shows how black text looks on a background with the Hex color 0B5500.



This preview shows how white text looks on a background with the Hex color 0B5500.

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
0B5500

Protanopia
524900

Deuteranopia
5B4512



Tritanopia
254F55

Trichromacy



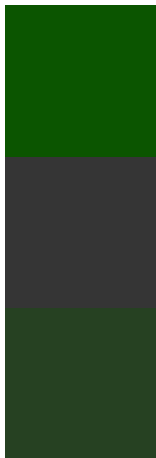
Original Color
0B5500

Protanomaly
384D00

Deuteranomaly
3E4B0B

Tritanomaly
1C5136

Monochromacy



Original Color
0B5500

Achromatopsia
353535

Achromatomaly
264122

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B5500 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 #0B5500 looks like.

```
.text, #text, p{  
    color:#0B5500  
}
```

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 #0B5500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B5500
}
```

Border

The CSS property to change the border of an element to Hex 0B5500 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".

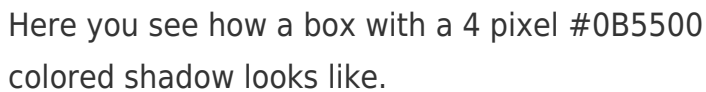
```
.border, #border, table{ border:4px solid
#0B5500 }
```

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

```
.border{ border-color:#0B5500 }
```

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

Here you see how a box with a 4 pixel #0B5500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B5500; -webkit-box-shadow:4px 4px  
4px 4px #0B5500; box-shadow:4px 4px 4px  
4px #0B5500 }
```

Background

The CSS property to change the background color of an element to Hex 0B5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B5500 }
```

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

```
.background{ background-color:#0B5500 }
```

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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