

Converting Colors

Hex(0B6303)

Have a look what the booklet for
Hex(0B6303) contains.

Hex(0B6303)	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(0B6303)

Conversions

Conversions Part 1

Format	Color
Hex	0B6303
RGB	11, 99, 3
RGB Percent	4%, 39%, 1%
CMY	0.9569, 0.6118, 0.9882
CMYK	0.89, 0.00, 0.97, 0.61
HSL	115°, 94%, 20%
HSV	115°, 97%, 39%
XYZ	4.6163, 9.0014, 1.5803
YIQ	61.7440, -21.6320, -48.5120

Conversions

Conversions Part 2

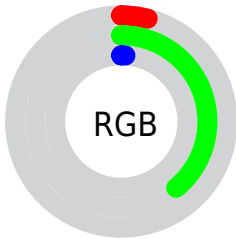
Format	Color
R_{YB}	3, 99, 91
Decimal	746243
CIE Lab	35.99, -41.66, 40.85
CIE LCh	36, 58.341, 135.561
Yxy	9.0014, 0.3037, 0.5923
Android (android.graphics.Color)	4278936323 (0xFF0B6303)
YUV	61.7440, -28.9608, -44.5025
Hunter-Lab	30.0023, -25.0393, 17.8787

Details

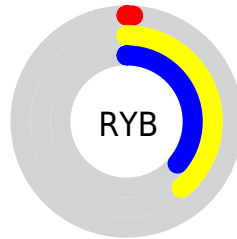
The Hex color **0B6303** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5B0363**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4B973A**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **086300**, and if you desaturate by 10%, it is **14630D**.

Distribution



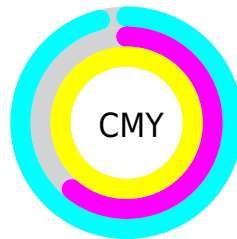
- Red (4%)
- Green (39%)
- Blue (1%)



- Red (1%)
- Yellow (39%)
- Blue (36%)



- Cyan (89%)
- Magenta (0%)
- Yellow (97%)
- Black (61%)



- Cyan (96%)
- Magenta (61%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B6303 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 0B6303 by changing the saturation by 10% instead.

 0B6303

 0B6303

 FFFFF6

 004A00

 4B973A

 003300

 67B253

 001D00

 82CE6D

 000000

 9EEA87

 BAFFA2

 D7FFBD

 F4FFDA

 0B6303

 0B6303

■ 086300

■ 14630D

■ 1D6317

■ 266321

■ 2F632B

■ 386335

■ 41633E

■ 4B6348

■ 546352

■ 5D635C

Harmonies

Analogous

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



515A00



0B6303



00673C

Triad

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



0B6303



0061B0



A5183F

Complementary

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



0B6303



5B0363

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.



9B1D6D



0B6303



0052B0

Square

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



0B6303



006797



743B97



983211

Rectangle

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



0B6303



00695C



743B97



A5134E

Sweetspot

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



0B6303



5E805B



635B03



2B4029



BFBFBF



404040

Same Dimension

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



0B6303



0B8000



03632B



2C302C



097000



14F000

Inverse Universe

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



5B0363



750080



63033B



302C30



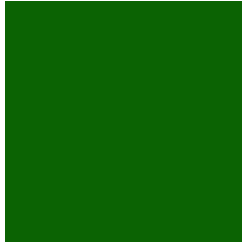
670070



DC00F0

Previews

White Background



This preview shows how the Hex color 0B6303 looks on a white background.

Color Contrast Check

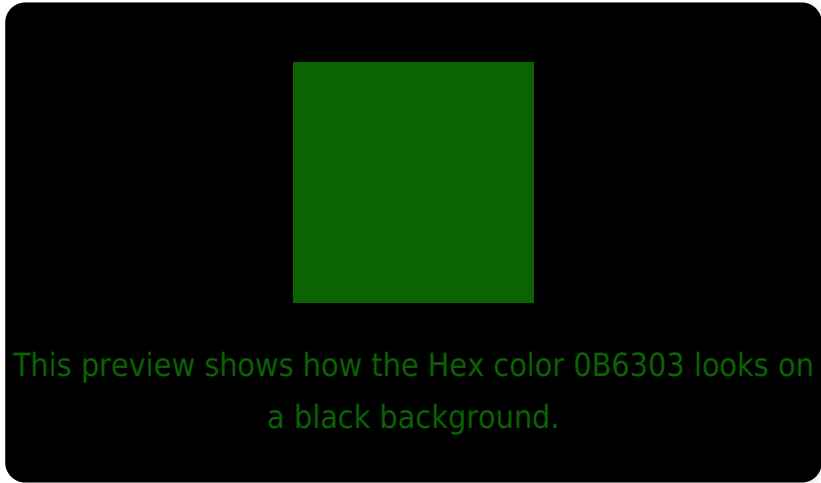
Large Text (above 18pt) WCAG AA ✓ Pass

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

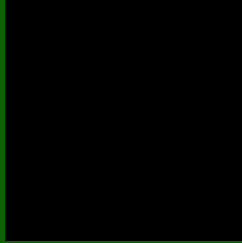
Any Text WCAG AA × Fail

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 0B6303 Background



This preview shows how black text looks on a background with the Hex color 0B6303.



This preview shows how white text looks on a background with the Hex color 0B6303.

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](#).

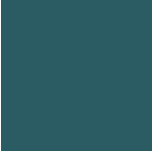
Dichromacy



Original Color
0B6303

Protanopia
5F5500

Deuteranopia
6A5016



Tritanopia
2B5C63

Trichromacy



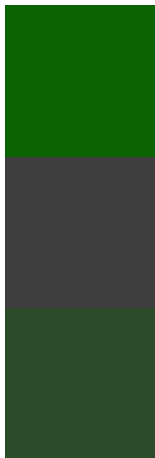
Original Color
0B6303

Protanomaly
405A01

Deuteranomaly
47570F

Tritanomaly
1F5F40

Monochromacy



Original Color
0B6303

Achromatopsia
3E3E3E

Achromatomaly
2B4B29

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B6303 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 #0B6303 looks like.

```
.text, #text, p{  
    color:#0B6303  
}
```

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 #0B6303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6303
}
```

Border

The CSS property to change the border of an element to Hex 0B6303 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".

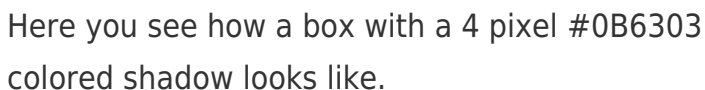
```
.border, #border, table{ border:4px solid
#0B6303 }
```

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

```
.border{ border-color:#0B6303 }
```

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

Here you see how a box with a 4 pixel #0B6303 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6303; -webkit-box-shadow:4px 4px  
4px 4px #0B6303; box-shadow:4px 4px 4px  
4px #0B6303 }
```

Background

The CSS property to change the background color of an element to Hex 0B6303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6303 }
```

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

```
.background{ background-color:#0B6303 }
```

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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