

Converting Colors

Hex(0C6B33)

Have a look what the booklet for
Hex(0C6B33) contains.

Hex(0C6B33)	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(0C6B33)

Conversions

Conversions Part 1

Format	Color
Hex	0C6B33
RGB	12, 107, 51
RGB Percent	5%, 42%, 20%
CMY	0.9529, 0.5804, 0.8000
CMYK	0.89, 0.00, 0.52, 0.58
HSL	145°, 80%, 23%
HSV	145°, 89%, 42%
XYZ	6.0069, 10.8326, 4.9063
YIQ	72.2110, -38.6440, -37.5560

Conversions

Conversions Part 2

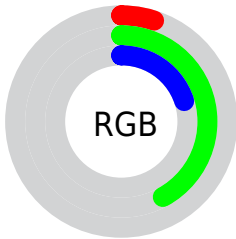
Format	Color
RYB	12, 79, 107
Decimal	813875
CIELab	39.30, -39.19, 24.17
CIELCh	39, 46.042, 148.334
Yxy	10.8326, 0.2762, 0.4981
Android (android.graphics.Color)	4279003955 (0xFF0C6B33)
YUV	72.2110, -10.4570, -52.8050
Hunter-Lab	32.9129, -25.0199, 14.2007

Details

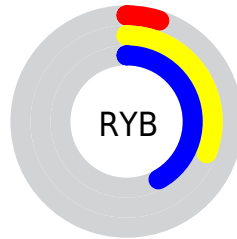
The Hex color **0C6B33** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6B0C44**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4C9F63**, and **003A05** is the 20% darker color. If you saturate the color by 10%, you get **016B2D**, and if you desaturate by 10%, it is **176B39**.

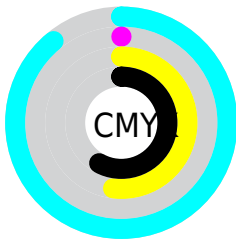
Distribution



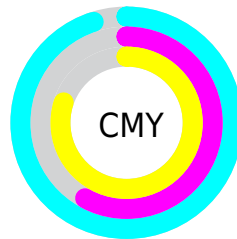
- Red (5%)
- Green (42%)
- Blue (20%)



- Red (5%)
- Yellow (31%)
- Blue (42%)



- Cyan (89%)
- Magenta (0%)
- Yellow (52%)
- Black (58%)



- Cyan (95%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C6B33 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 0C6B33 by changing the saturation by 10% instead.

 0C6B33

 0C6B33

FFFFFF

 00521D

 4C9F63

 003A05

 67BB7C

 002600

 82D796

 000000

 9EF3B1

 BAFFCC

 D7FFE9

 F4FFFF

 0C6B33

 0C6B33

■ 016B2D

■ 176B39

■ 006B2C

■ 216B40

■ 2C6B46

■ 376B4C

■ 426B53

■ 4C6B59

■ 576B5F

■ 626B65

■ 6C6B6C

Harmonies

Analogous

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



4C6512



0C6B33



006E59

Triad

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



0C6B33



0062A8



9E3C3B

Complementary

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



0C6B33



6B0C44

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.



9D3860



0C6B33



58549F

Square

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



0C6B33



006A9C



884384



8D4B1B

Rectangle

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



0C6B33



006E73



884384



A03947

Sweetspot

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



0C6B33



668C76



456B0C



31473A



C7C7C7



474747

Same Dimension

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



0C6B33



008C3A



0C6B62



303632



007530



00F564

Inverse Universe

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



6B0C44



8C0053



6B0C16



363033



750045



F50090

Previews

White Background



This preview shows how the Hex color 0C6B33 looks on a white background.

Color Contrast Check

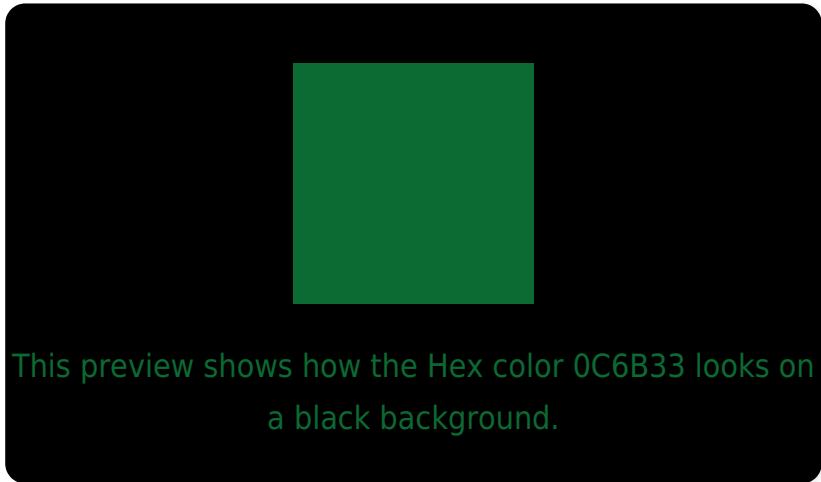
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

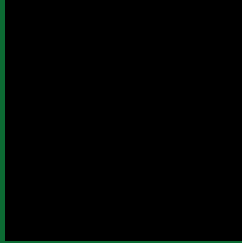
Any Text WCAG AA × Fail

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 0C6B33 Background



This preview shows how black text looks on a background with the Hex color 0C6B33.



This preview shows how white text looks on a background with the Hex color 0C6B33.

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
0C6B33

Protanopia
665C2E

Deuteranopia
705838



Tritanopia
2B656D

Trichromacy



Original Color
0C6B33



Protanomaly
456130



Deuteranomaly
4C5F36



Tritanomaly
206758

Monochromacy



Original Color
0C6B33



Achromatopsia
484848



Achromatomaly
325540

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C6B33 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 #0C6B33 looks like.

```
.text, #text, p{  
    color:#0C6B33  
}
```

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 #0C6B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6B33
}
```

Border

The CSS property to change the border of an element to Hex 0C6B33 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".

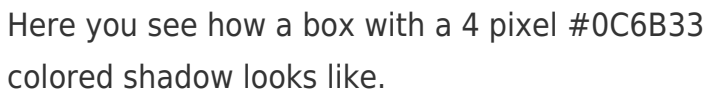
```
.border, #border, table{ border:4px solid
#0C6B33 }
```

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

```
.border{ border-color:#0C6B33 }
```

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

Here you see how a box with a 4 pixel #0C6B33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6B33; -webkit-box-shadow:4px 4px  
4px 4px #0C6B33; box-shadow:4px 4px 4px  
4px #0C6B33 }
```

Background

The CSS property to change the background color of an element to Hex 0C6B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6B33 }
```

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

```
.background{ background-color:#0C6B33 }
```

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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