

Converting Colors

Hex(0C7A5C)

Have a look what the booklet for
Hex(0C7A5C) contains.

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Color

Hex(0C7A5C)

Conversions

Conversions Part 1

Format	Color
Hex	0C7A5C
RGB	12, 122, 92
RGB Percent	5%, 48%, 36%
CMY	0.9529, 0.5216, 0.6392
CMYK	0.90, 0.00, 0.25, 0.52
HSL	164°, 82%, 26%
HSV	164°, 90%, 48%
XYZ	9.0429, 14.7699, 12.4995
YIQ	85.6900, -55.9300, -32.6500

Conversions

Conversions Part 2

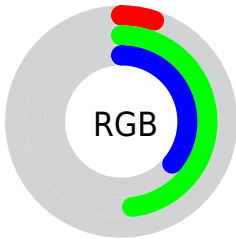
Format	Color
RYB	12, 76, 122
Decimal	817756
CIELab	45.32, -36.04, 8.52
CIELCh	45, 37.034, 166.703
Yxy	14.7699, 0.2490, 0.4067
Android (android.graphics.Color)	4279007836 (0xFF0C7A5C)
YUV	85.6900, 3.1108, -64.6261
Hunter-Lab	38.4317, -25.2546, 7.6187

Details

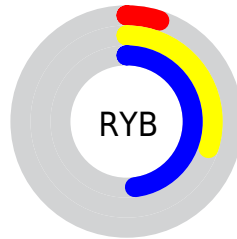
The Hex color **0C7A5C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A0C2A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **51AF8E**, and **00482E** is the 20% darker color. If you saturate the color by 10%, you get **007A59**, and if you desaturate by 10%, it is **187A5F**.

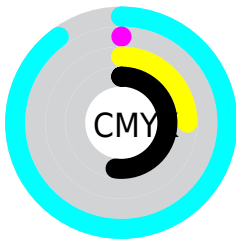
Distribution



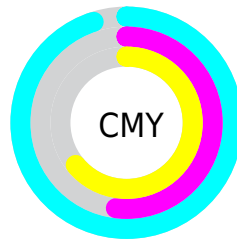
- Red (5%)
- Green (48%)
- Blue (36%)



- Red (5%)
- Yellow (30%)
- Blue (48%)



- Cyan (90%)
- Magenta (0%)
- Yellow (25%)
- Black (52%)



- Cyan (95%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7A5C 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 0C7A5C by changing the saturation by 10% instead.

 0C7A5C

 0C7A5C

FFFFFF

 006144

 51AF8E

 00482E

 6DCBA9

 003119

 89E7C4

 001B00

 A5FFE0

 000000

 C2FFFC

 DFFFFFF

 FFFFFFF

 0C7A5C

 0C7A5C

■ 007A59

■ 187A5F

■ 247A63

■ 317A66

■ 3D7A69

■ 497A6D

■ 557A70

■ 617A73

■ 6E7A77

■ 7A7A7A

Harmonies

Analogous

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



49763F



0C7A5C



007B7C

Triad

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



0C7A5C



5668A6



9D593F

Complementary

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



0C7A5C



7A0C2A

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.



A5525B



0C7A5C



835C96

Square

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



0C7A5C



0073A7



9D537A



89652E

Rectangle

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



0C7A5C



007A8F



9D537A



A25648

Sweetspot

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



0C7A5C



739E92



2B7A0C



364F48



CFCFCF



4F4F4F

Same Dimension

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



0C7A5C



009E73



0C627A



373D3C



007D5B



00FCB8

Inverse Universe

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



7A0C2A



9E002B



7A240C



3D3739



7D0022



FC0045

Previews

White Background



This preview shows how the Hex color 0C7A5C looks on a white background.

Color Contrast Check

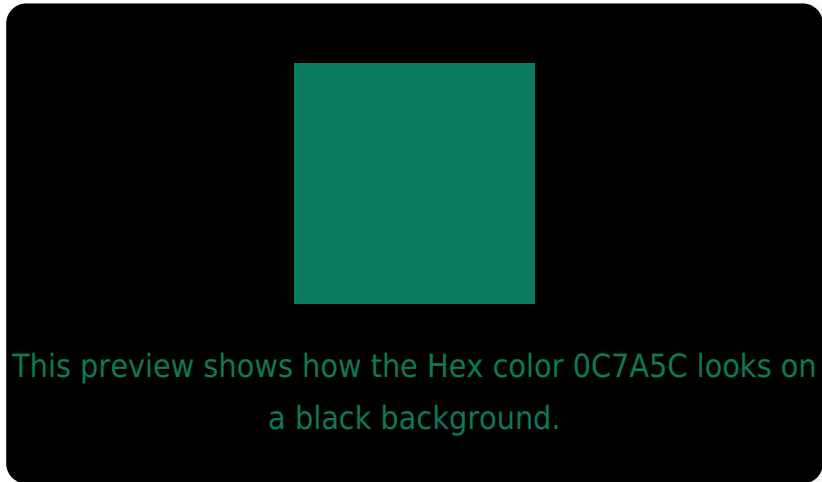
Large Text (above 18pt) WCAG AA ✓ Pass

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

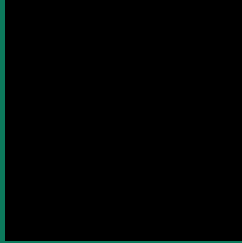
Any Text WCAG AA × Fail

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 0C7A5C Background



This preview shows how black text looks on a background with the Hex color 0C7A5C.

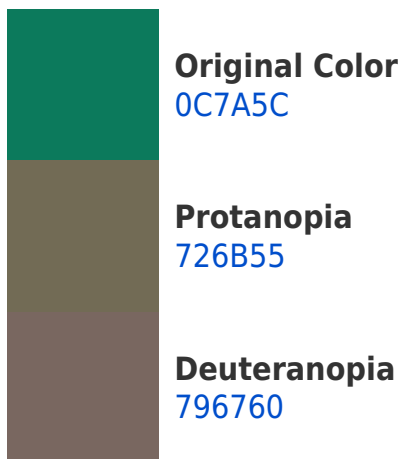



This preview shows how white text looks on a background with the Hex color 0C7A5C.

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





Tritanopia
28757F

Trichromacy



Original Color
0C7A5C



Protanomaly
4D7058



Deuteranomaly
516E5F



Tritanomaly
1E7772

Monochromacy



Original Color
0C7A5C



Achromatopsia
565656



Achromatomaly
3B6358

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7A5C 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 #0C7A5C looks like.

```
.text, #text, p{  
    color:#0C7A5C  
}
```

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 #0C7A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7A5C
}
```

Border

The CSS property to change the border of an element to Hex 0C7A5C 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
#0C7A5C }
```

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

```
.border{ border-color:#0C7A5C }
```

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

Here you see how a box with a 4 pixel #0C7A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7A5C; -webkit-box-shadow:4px 4px  
4px 4px #0C7A5C; box-shadow:4px 4px 4px  
4px #0C7A5C }
```

Background

The CSS property to change the background color of an element to Hex 0C7A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7A5C }
```

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

```
.background{ background-color:#0C7A5C }
```

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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