

Converting Colors

Hex(0C7341)

Have a look what the booklet for
Hex(0C7341) contains.

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Color

Hex(0C7341)

Conversions

Conversions Part 1

Format	Color
Hex	0C7341
RGB	12, 115, 65
RGB Percent	5%, 45%, 25%
CMY	0.9529, 0.5490, 0.7451
CMYK	0.90, 0.00, 0.43, 0.55
HSL	151°, 81%, 25%
HSV	151°, 90%, 45%
XYZ	7.2365, 12.7213, 7.0751
YIQ	78.5030, -45.3380, -37.3860

Conversions

Conversions Part 2

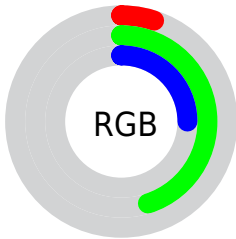
Format	Color
RYB	12, 80, 115
Decimal	815937
CIELab	42.34, -39.55, 20.18
CIELCh	42, 44.401, 152.966
Yxy	12.7213, 0.2677, 0.4706
Android (android.graphics.Color)	4279006017 (0xFF0C7341)
YUV	78.5030, -6.6570, -58.3231
Hunter-Lab	35.6669, -26.2011, 13.2058

Details

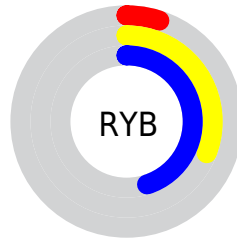
The Hex color **0C7341** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **730C3E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4EA871**, and **004115** is the 20% darker color. If you saturate the color by 10%, you get **00733B**, and if you desaturate by 10%, it is **177347**.

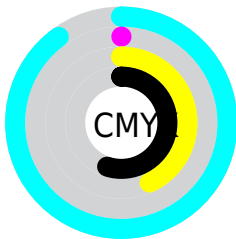
Distribution



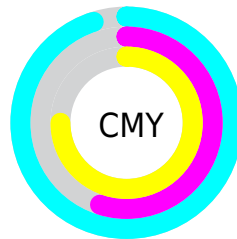
- Red (5%)
- Green (45%)
- Blue (25%)



- Red (5%)
- Yellow (31%)
- Blue (45%)



- Cyan (90%)
- Magenta (0%)
- Yellow (43%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7341 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 0C7341 by changing the saturation by 10% instead.



0C7341



0C7341

FFFFFF



005A2A



4EA871



004115



6AC38B



002B00



85E0A6



000F00



A1FDC1



000000



BEFFDD



DBFFF9



F8FFFF



0C7341



0C7341

■ 00733B

■ 177347

■ 23734C

■ 2E7352

■ 3A7357

■ 45735D

■ 517362

■ 5D7368

■ 68736E

■ 747373

Harmonies

Analogous

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



4E6D21



0C7341



007567

Triad

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



0C7341



0267AD



A3473E

Complementary

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



0C7341



730C3E

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.



A54162



0C7341



6A59A2

Square

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



0C7341



0070A5



934986



915621

Rectangle

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



0C7341



00757F



934986



A6444A

Sweetspot

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



0C7341



6E9683



3F730C



344D41



CCCCCC



4D4D4D

Same Dimension

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



0C7341



00964D



0C7373



353B38



007A3F



00FA81

Inverse Universe

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



730C3E



960049



730C0C



3B3538



7A003B



FA0079

Previews

White Background



This preview shows how the Hex color 0C7341 looks on a white background.

Color Contrast Check

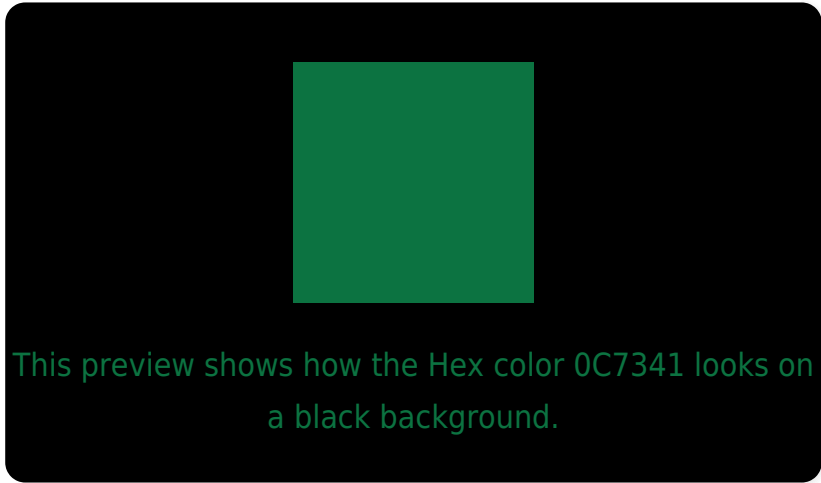
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C7341 Background



This preview shows how black text looks on a background with the Hex color 0C7341.



This preview shows how white text looks on a background with the Hex color 0C7341.

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
0C7341

Protanopia
6D643B

Deuteranopia
775F46



Tritanopia
2C6D76

Trichromacy



Original Color
0C7341



Protanomaly
4A693D



Deuteranomaly
506644



Tritanomaly
206F63

Monochromacy



Original Color
0C7341



Achromatopsia
4F4F4F



Achromatomaly
375C4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7341 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 #0C7341 looks like.

```
.text, #text, p{  
    color:#0C7341  
}
```

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 #0C7341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7341
}
```

Border

The CSS property to change the border of an element to Hex 0C7341 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
#0C7341 }
```

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

```
.border{ border-color:#0C7341 }
```

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

Here you see how a box with a 4 pixel #0C7341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7341; -webkit-box-shadow:4px 4px  
4px 4px #0C7341; box-shadow:4px 4px 4px  
4px #0C7341 }
```

Background

The CSS property to change the background color of an element to Hex 0C7341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7341 }
```

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

```
.background{ background-color:#0C7341 }
```

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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