

Converting Colors

Hex(0C7536)

Have a look what the booklet for
Hex(0C7536) contains.

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Color

Hex(0C7536)

Conversions

Conversions Part 1

Format	Color
Hex	0C7536
RGB	12, 117, 54
RGB Percent	5%, 46%, 21%
CMY	0.9529, 0.5412, 0.7882
CMYK	0.90, 0.00, 0.54, 0.54
HSL	144°, 81%, 25%
HSV	144°, 90%, 46%
XYZ	7.1788, 13.0671, 5.6339
YIQ	78.4230, -42.3570, -41.8530

Conversions

Conversions Part 2

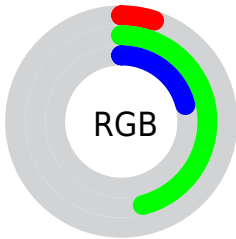
Format	Color
RYB	12, 87, 117
Decimal	816438
CIELab	42.86, -42.37, 26.96
CIELCh	43, 50.224, 147.530
Yxy	13.0671, 0.2774, 0.5049
Android (android.graphics.Color)	4279006518 (0xFF0C7536)
YUV	78.4230, -12.0405, -58.2530
Hunter-Lab	36.1484, -27.8112, 16.0633

Details

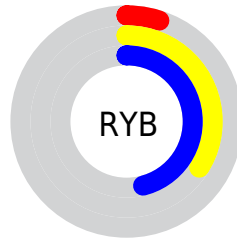
The Hex color **0C7536** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **750C4B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4FAA66**, and **004308** is the 20% darker color. If you saturate the color by 10%, you get **00752F**, and if you desaturate by 10%, it is **18753D**.

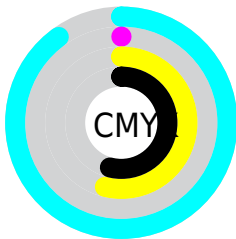
Distribution



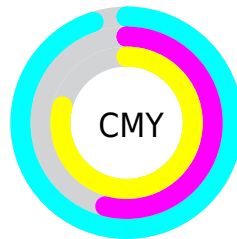
- Red (5%)
- Green (46%)
- Blue (21%)



- Red (5%)
- Yellow (34%)
- Blue (46%)



- Cyan (90%)
- Magenta (0%)
- Yellow (54%)
- Black (54%)



- Cyan (95%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7536 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 0C7536 by changing the saturation by 10% instead.



0C7536



0C7536

FFFFFF



005C1F



4FAA66



004308



6BC680



002D00



87E29A



001200



A3FFB5



000000



BFFFD1



DCFFED



F9FFFF



0C7536



0C7536

■ 00752F

■ 18753D

■ 237544

■ 2F754B

■ 3B7552

■ 467559

■ 527560

■ 5E7567

■ 6A756E

■ 757575

Harmonies

Analogous

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



546E10



0C7536



007860

Triad

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



0C7536



006BB8



AD4141

Complementary

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



0C7536



750C4B

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.



AC3C6A



0C7536



5E5CAF

Square

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



0C7536



0074AB



944992



9B521D

Rectangle

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



0C7536



00797D



944992



B03D4F

Sweetspot

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



0C7536



709980



4B750C



344D3E



CCCCCC



4D4D4D

Same Dimension

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



0C7536



00993D



0C756A



353B37



007A31



00FA64

Inverse Universe

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



750C4B



99005C



750C17



3B3538



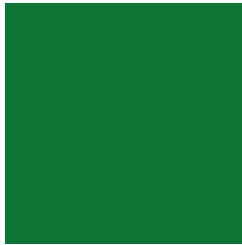
7A0049



FA0096

Previews

White Background



This preview shows how the Hex color 0C7536 looks on a white background.

Color Contrast Check

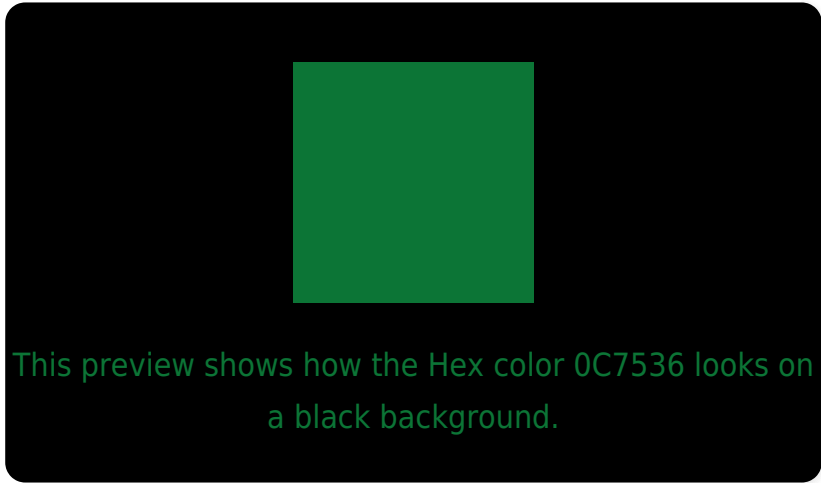
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C7536 Background



This preview shows how black text looks on a background with the Hex color 0C7536.



This preview shows how white text looks on a background with the Hex color 0C7536.

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
0C7536

Protanopia
706531

Deuteranopia
7A603B



Tritanopia
2F6E77

Trichromacy



Original Color
0C7536



Protanomaly
4C6B33



Deuteranomaly
526839



Tritanomaly
22715F

Monochromacy



Original Color
0C7536



Achromatopsia
4E4E4E



Achromatomaly
365C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7536 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 #0C7536 looks like.

```
.text, #text, p{  
    color:#0C7536  
}
```

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 #0C7536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7536
}
```

Border

The CSS property to change the border of an element to Hex 0C7536 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
#0C7536 }
```

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

```
.border{ border-color:#0C7536 }
```

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

Here you see how a box with a 4 pixel #0C7536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7536; -webkit-box-shadow:4px 4px  
4px 4px #0C7536; box-shadow:4px 4px 4px  
4px #0C7536 }
```

Background

The CSS property to change the background color of an element to Hex 0C7536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7536 }
```

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

```
.background{ background-color:#0C7536 }
```

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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