

Converting Colors

Hex(0D7530)

Have a look what the booklet for
Hex(0D7530) contains.

Hex(0D7530)	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(0D7530)

Conversions

Conversions Part 1

Format	Color
Hex	0D7530
RGB	13, 117, 48
RGB Percent	5%, 46%, 19%
CMY	0.9490, 0.5412, 0.8118
CMYK	0.89, 0.00, 0.59, 0.54
HSL	140°, 80%, 25%
HSV	140°, 89%, 46%
XYZ	7.0608, 13.0215, 4.9376
YIQ	78.0380, -39.8350, -43.5070

Conversions

Conversions Part 2

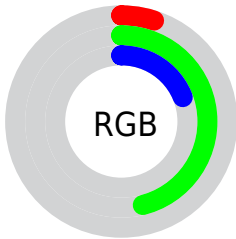
Format	Color
RYB	13, 91, 117
Decimal	881968
CIELab	42.80, -43.24, 30.05
CIELCh	43, 52.659, 145.202
Yxy	13.0215, 0.2822, 0.5204
Android (android.graphics.Color)	4279072048 (0xFF0D7530)
YUV	78.0380, -14.8087, -57.0383
Hunter-Lab	36.0854, -28.2226, 17.1471

Details

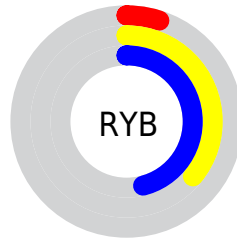
The Hex color **0D7530** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **750D52**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **50AA60**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **017528**, and if you desaturate by 10%, it is **197538**.

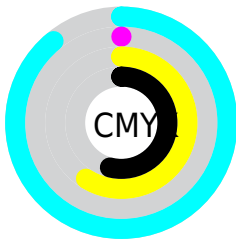
Distribution



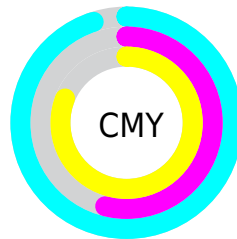
- Red (5%)
- Green (46%)
- Blue (19%)



- Red (5%)
- Yellow (36%)
- Blue (46%)



- Cyan (89%)
- Magenta (0%)
- Yellow (59%)
- Black (54%)



- Cyan (95%)
- Magenta (54%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7530 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 0D7530 by changing the saturation by 10% instead.

 0D7530

 0D7530

FFFFFF

 005C19


 50AA60

 004300

 6BC67A

 002D00

 87E294

 001100

 A3FFAF

 000000

 C0FFCA

 DDFFE7

 FAFFFF

 0D7530

 0D7530

■ 017528

■ 197538

■ 007527

■ 247540

■ 307547

■ 3C754F

■ 477557

■ 53755F

■ 5F7566

■ 6B756E

■ 767576

Harmonies

Analogous

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



566D03



0D7530



00795C

Triad

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



0D7530



006CBC



B13D43

Complementary

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



0D7530



750D52

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.



AE386E



0D7530



565DB4

Square

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



0D7530



0075AC



924897



9F4F1C

Rectangle

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



0D7530



00797B



924897



B33951

Sweetspot

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



0D7530



70997E



52750D



344D3C



CCCCCC



4D4D4D

Same Dimension

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



0D7530



009933



0D7564



353B37



007A29



00FA54

Inverse Universe

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



750D52



990066



750D1E



3B3539



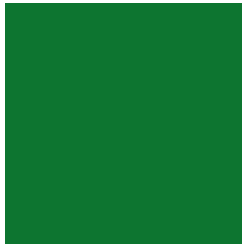
7A0051



FA00A6

Previews

White Background



This preview shows how the Hex color 0D7530 looks on a white background.

Color Contrast Check

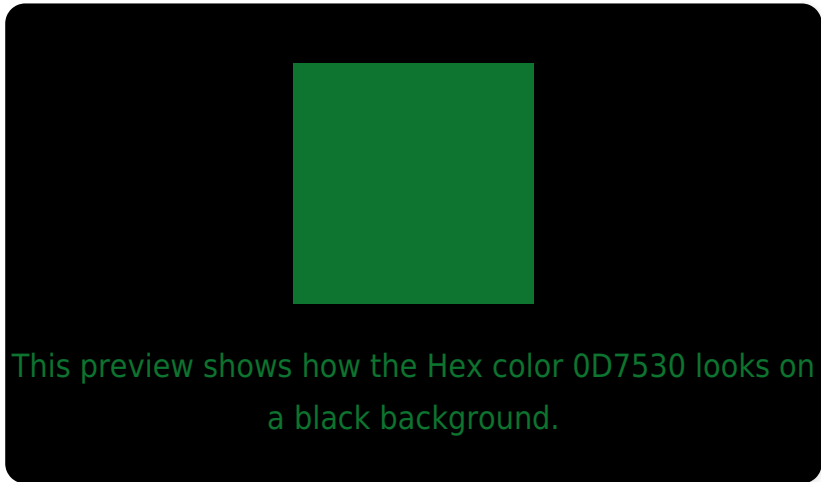
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D7530 Background



This preview shows how black text looks on a background with the Hex color 0D7530.



This preview shows how white text looks on a background with the Hex color 0D7530.

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
0D7530

Protanopia
70652B

Deuteranopia
7B6036



Tritanopia
306E77

Trichromacy



Original Color
0D7530



Protanomaly
4C6B2D



Deuteranomaly
536834



Tritanomaly
23715D

Monochromacy



Original Color
0D7530



Achromatopsia
4E4E4E



Achromatomaly
365C43

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7530 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 #0D7530 looks like.

```
.text, #text, p{  
    color:#0D7530  
}
```

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 #0D7530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7530
}
```

Border

The CSS property to change the border of an element to Hex 0D7530 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
#0D7530 }
```

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

```
.border{ border-color:#0D7530 }
```

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

Here you see how a box with a 4 pixel #0D7530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7530; -webkit-box-shadow:4px 4px  
4px 4px #0D7530; box-shadow:4px 4px 4px  
4px #0D7530 }
```

Background

The CSS property to change the background color of an element to Hex 0D7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7530 }
```

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

```
.background{ background-color:#0D7530 }
```

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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