

# Converting Colors

Hex(0D6E2D)

Have a look what the booklet for  
Hex(0D6E2D) contains.

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# Color

**Hex(0D6E2D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D6E2D
RGB	13, 110, 45
RGB Percent	5%, 43%, 18%
CMY	0.9490, 0.5686, 0.8235
CMYK	0.88, 0.00, 0.59, 0.57
HSL	140°, 79%, 24%
HSV	140°, 88%, 43%
XYZ	6.2156, 11.4269, 4.3606
YIQ	73.5870, -36.9470, -40.7790

# Conversions

## Conversions Part 2

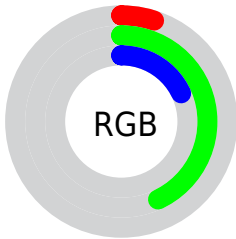
Format	Color
<a href="#">RYB</a>	<a href="#">13, 86, 110</a>
Decimal	<a href="#">880173</a>
CIELab	<a href="#">40.29, -41.19, 28.63</a>
CIELCh	<a href="#">40, 50.159, 145.201</a>
Yxy	<a href="#">11.4269, 0.2825, 0.5193</a>
Android (android.graphics.Color)	<a href="#">4279070253 (0xFF0D6E2D)</a>
YUV	<a href="#">73.5870, -14.0934, -53.1348</a>
Hunter-Lab	<a href="#">33.8037, -26.3352, 16.0142</a>

# Details

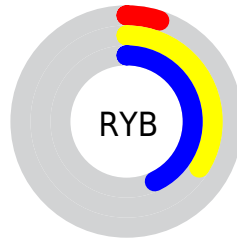
The Hex color **0D6E2D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6E0D4E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4EA35D**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **026E26**, and if you desaturate by 10%, it is **186E34**.

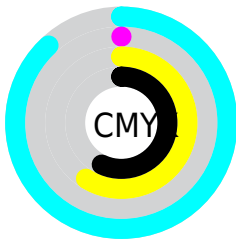
# Distribution



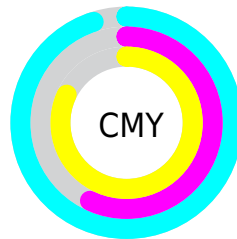
- Red (5%)
- Green (43%)
- Blue (18%)



- Red (5%)
- Yellow (34%)
- Blue (43%)



- Cyan (88%)
- Magenta (0%)
- Yellow (59%)
- Black (57%)



- Cyan (95%)
- Magenta (57%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D6E2D 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 0D6E2D by changing the saturation by 10% instead.



 0D6E2D

 0D6E2D

FFFFFF

 005516

 4EA35D

 003D00

 69BE76

 002800

 84DA90

 000200

 A0F7AB

 000000

 BDFFC6

 D9FFE2

 F7FFFF

 0D6E2D

 0D6E2D

■ 026E26

■ 186E34

■ 006E24

■ 236E3C

■ 2E6E43

■ 396E4A

■ 446E52

■ 4F6E59

■ 5A6E61

■ 656E68

■ 706E6F

# Harmonies

## Analogous

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



516704



0D6E2D



007157

# Triad

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



0D6E2D



0066B1



A6393F

# Complementary

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



0D6E2D



6E0D4E

# 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.



A43567



0D6E2D



5157AA

# Square

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



0D6E2D



006EA2



8A448E



964A1A

# Rectangle

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



0D6E2D



007273



8A448E



A8354C



# Sweetspot

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



0D6E2D



6A8F76



4F6E0D



314739



C7C7C7



474747



# Same Dimension

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



0D6E2D



008F2F



0D6E5C



323834



007828



00F752



# Inverse Universe

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



6E0D4E



8F0060



6E0D1F



383236



780050



F700A6



# Previews

## White Background



This preview shows how the Hex color 0D6E2D looks on a white background.

## Color Contrast Check

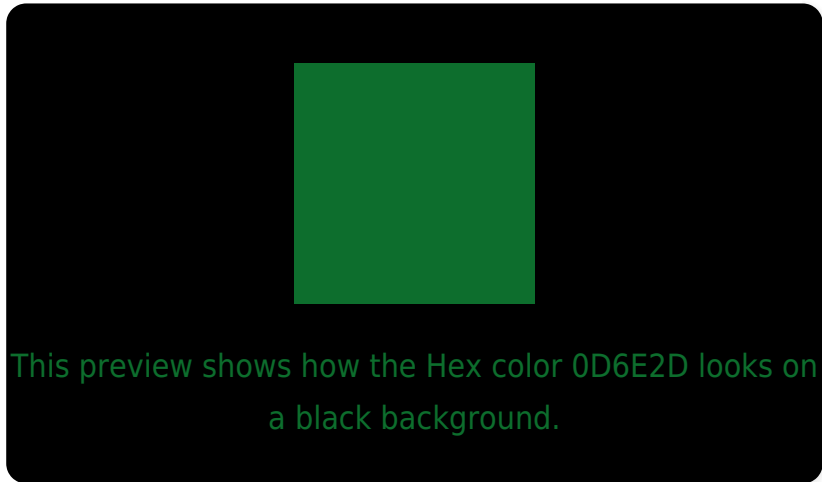
Large Text (above 18pt) WCAG AA ✓ Pass

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

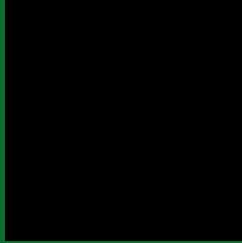
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0D6E2D Background



This preview shows how black text looks on a background with the Hex color 0D6E2D.



This preview shows how white text looks on a background with the Hex color 0D6E2D.

# 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**  
0D6E2D

**Protanopia**  
695F28

**Deuteranopia**  
745A33



**Tritanopia**  
2D6770

# Trichromacy



**Original Color**  
0D6E2D



**Protanomaly**  
48642A



**Deuteranomaly**  
4F6131



**Tritanomaly**  
216A58

# Monochromacy



**Original Color**  
0D6E2D



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
34573F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D6E2D 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 #0D6E2D looks like.

```
.text, #text, p{  
    color:#0D6E2D  
}
```

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 #0D6E2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6E2D
}
```

## Border

The CSS property to change the border of an element to Hex 0D6E2D 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".

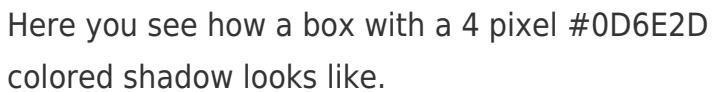
```
.border, #border, table{ border:4px solid
#0D6E2D }
```

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

```
.border{ border-color:#0D6E2D }
```

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

Here you see how a box with a 4 pixel #0D6E2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6E2D; -webkit-box-shadow:4px 4px  
4px 4px #0D6E2D; box-shadow:4px 4px 4px  
4px #0D6E2D }
```

# Background

The CSS property to change the background color of an element to Hex 0D6E2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6E2D }
```

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

```
.background{ background-color:#0D6E2D }
```

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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