

# Converting Colors

Hex(0D760D)

Have a look what the booklet for  
Hex(0D760D) contains.

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# Color

**Hex(0D760D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D760D
RGB	13, 118, 13
RGB Percent	5%, 46%, 5%
CMY	0.9490, 0.5373, 0.9490
CMYK	0.89, 0.00, 0.89, 0.54
HSL	120°, 80%, 26%
HSV	120°, 89%, 46%
XYZ	6.7171, 13.0715, 2.5498
YIQ	74.6350, -28.8750, -54.9150

# Conversions

## Conversions Part 2

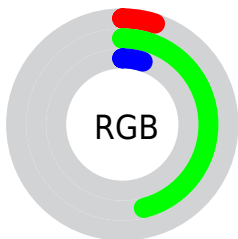
Format	Color
<a href="#">RYB</a>	<a href="#">13, 118, 118</a>
Decimal	<a href="#">882189</a>
CIELab	<a href="#">42.87, -47.03, 44.28</a>
CIELCh	<a href="#">43, 64.598, 136.726</a>
Yxy	<a href="#">13.0715, 0.3007, 0.5852</a>
Android (android.graphics.Color)	<a href="#">4279072269</a> ( <a href="#">0xFF0D760D</a> )
YUV	<a href="#">74.6350, -30.3861, -54.0539</a>
Hunter-Lab	<a href="#">36.1545, -30.1073, 21.1267</a>

# Details

The Hex color **0D760D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **760D76**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **52AB44**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **017601**, and if you desaturate by 10%, it is **197619**.

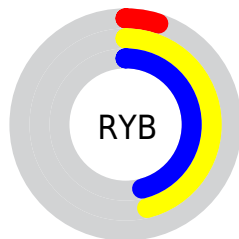
# Distribution



Red (5%)

Green (46%)

Blue (5%)



Red (5%)

Yellow (46%)

Blue (46%)

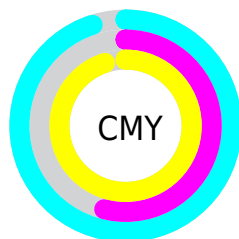


Cyan (89%)

Magenta (0%)

Yellow (89%)

Black (54%)



Cyan (95%)

Magenta (54%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D760D 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 0D760D by changing the saturation by 10% instead.



 0D760D

 0D760D

FFFFFF

 005D00

 52AB44

 004400

 6EC75D

 002E00

 8AE377

 001200

 A6FF92

 000000

 C3FFAD

 E0FFC9

 FEFFE6

 0D760D

 0D760D

■ 017601

■ 197619

■ 007600

■ 257625

■ 307630

■ 3C763C

■ 487648

■ 547654

■ 607660

■ 6B766B

■ 777677

# Harmonies

## Analogous

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



5F6C00



0D760D



007B4B

# Triad

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



0D760D



0072CE



C1234A

# Complementary

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



0D760D



760D76

# 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.



B7277F



0D760D



0362CD

# Square

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



0D760D



007AB3



8B47AF



B14016

# Rectangle

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



0D760D



007C70



8B47AF



C11E5C



# Sweetspot

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



0D760D



709970



76760D



344D34



CCCCCC



4D4D4D



# Same Dimension

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



0D760D



009900



0D7642



353B35



007A00



00FA00



# Inverse Universe

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



760D76



990099



760D42



3B353B



7A007A

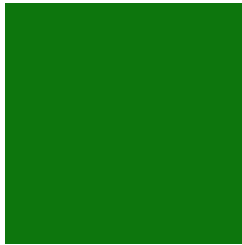


FA00FA



# Previews

## White Background



This preview shows how the Hex color 0D760D looks on a white background.

## Color Contrast Check

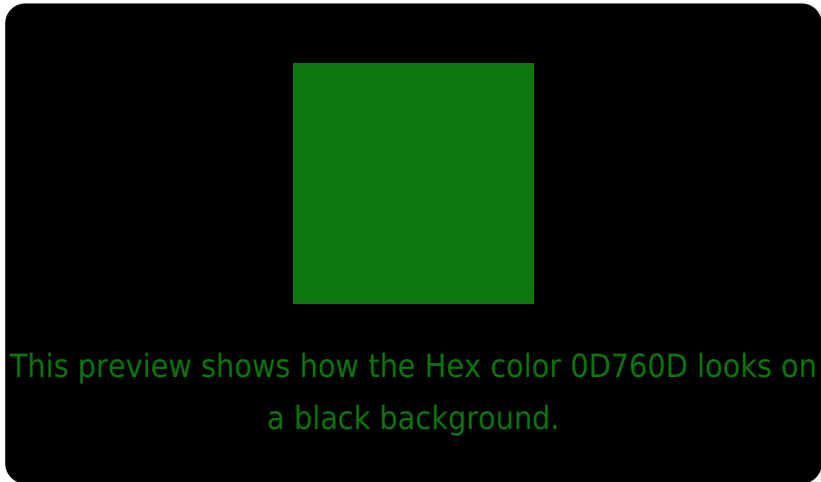
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D760D Background



This preview shows how black text looks on a background with the Hex color 0D760D.



This preview shows how white text looks on a background with the Hex color 0D760D.

# 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**  
0D760D

**Protanopia**  
726505

**Deuteranopia**  
7F601C



**Tritanopia**  
336E77

# Trichromacy



**Original Color**  
0D760D



**Protanomaly**  
4D6B08



**Deuteranomaly**  
566817



**Tritanomaly**  
257150

# Monochromacy



**Original Color**  
0D760D



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
345B34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D760D 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 #0D760D looks like.

```
.text, #text, p{  
    color:#0D760D  
}
```

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 #0D760D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D760D
}
```

## Border

The CSS property to change the border of an element to Hex 0D760D 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".

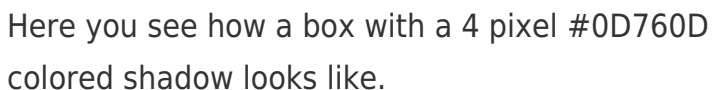
```
.border, #border, table{ border:4px solid
#0D760D }
```

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

```
.border{ border-color:#0D760D }
```

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

Here you see how a box with a 4 pixel #0D760D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D760D; -webkit-box-shadow:4px 4px  
4px 4px #0D760D; box-shadow:4px 4px 4px  
4px #0D760D }
```

# Background

The CSS property to change the background color of an element to Hex 0D760D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D760D }
```

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

```
.background{ background-color:#0D760D }
```

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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