

# Converting Colors

Hex(0A6835)

Have a look what the booklet for  
Hex(0A6835) contains.

<b>Hex(0A6835)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0A6835)

# Conversions

## Conversions Part 1

Format	Color
Hex	0A6835
RGB	10, 104, 53
RGB Percent	4%, 41%, 21%
CMY	0.9608, 0.5922, 0.7922
CMYK	0.90, 0.00, 0.49, 0.59
HSL	147°, 82%, 22%
HSV	147°, 90%, 41%
XYZ	5.7181, 10.2222, 5.0399
YIQ	70.0800, -39.6530, -35.7890

# Conversions

## Conversions Part 2

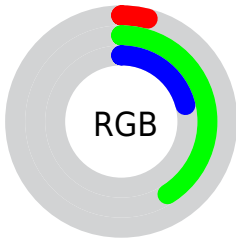
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 74, 104
Decimal	682037
CIELab	38.24, -37.87, 21.70
CIELCh	38, 43.647, 150.180
Yxy	10.2222, 0.2725, 0.4872
Android (android.graphics.Color)	4278872117 (0xFF0A6835)
YUV	70.0800, -8.4204, -52.6902
Hunter-Lab	31.9722, -24.0273, 13.0345

# Details

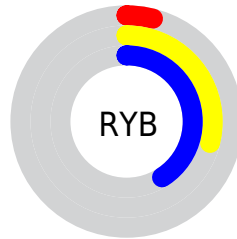
The Hex color **0A6835** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **680A3D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4A9C65**, and **003708** is the 20% darker color. If you saturate the color by 10%, you get **006830**, and if you desaturate by 10%, it is **14683B**.

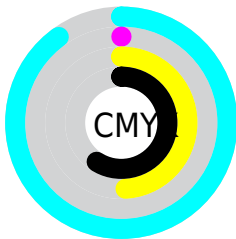
# Distribution



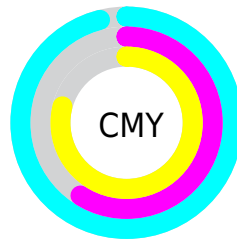
- Red (4%)
- Green (41%)
- Blue (21%)



- Red (4%)
- Yellow (29%)
- Blue (41%)



- Cyan (90%)
- Magenta (0%)
- Yellow (49%)
- Black (59%)



- Cyan (96%)
- Magenta (59%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A6835 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 0A6835 by changing the saturation by 10% instead.



 0A6835

 0A6835

FFFFFF

 004F1F

 4A9C65

 003708

 65B77E

 002300

 81D398

 000000

 9CF0B3

 B8FFCE

 D5FFEB

 F2FFFF

 0A6835

 0A6835

■ 006830

■ 14683B

■ 1F6840

■ 296846

■ 34684C

■ 3E6851

■ 486857

■ 53685C

■ 5D6862

■ 686868

# Harmonies

## Analogous

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



486216



0A6835



006B59

# Triad

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



0A6835



005EA1



973D39

# Complementary

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



0A6835



680A3D

# 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.



98385B



0A6835



5A5197

# Square

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



0A6835



006797



85417E



874B1B

# Rectangle

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



0A6835



006B71



85417E



9A3A44



# Sweetspot

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



0A6835



638773



3E680A



2F4539



C4C4C4



454545



# Same Dimension

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



0A6835



00873E



0A6863



2E3330



007334



00F26F



# Inverse Universe

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



680A3D



870049



680A0F



332E31



73003E



F20083



# Previews

## White Background



This preview shows how the Hex color 0A6835 looks on a white background.

## Color Contrast Check

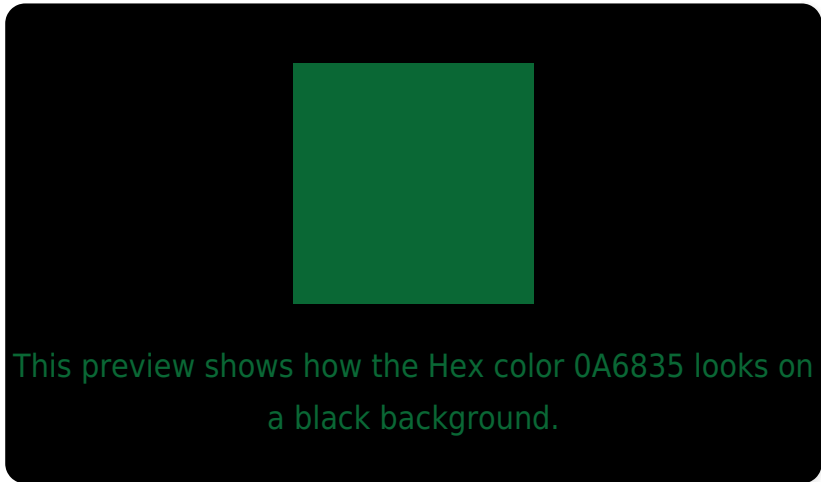
Large Text (above 18pt) WCAG AA ✓ Pass

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

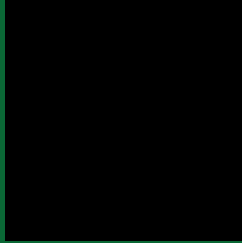
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A6835 Background



This preview shows how black text looks on a background with the Hex color 0A6835.



This preview shows how white text looks on a background with the Hex color 0A6835.

# 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**  
0A6835

**Protanopia**  
635A30

**Deuteranopia**  
6C563A



**Tritanopia**  
28626A

# Trichromacy



**Original Color**  
0A6835



**Protanomaly**  
435F32



**Deuteranomaly**  
485D38



**Tritanomaly**  
1D6457

# Monochromacy



**Original Color**  
0A6835



**Achromatopsia**  
464646



**Achromatomaly**  
305240

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A6835 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 #0A6835 looks like.

```
.text, #text, p{  
    color:#0A6835  
}
```

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 #0A6835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6835
}
```

## Border

The CSS property to change the border of an element to Hex 0A6835 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
#0A6835 }
```

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

```
.border{ border-color:#0A6835 }
```

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

Here you see how a box with a 4 pixel #0A6835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6835; -webkit-box-shadow:4px 4px  
4px 4px #0A6835; box-shadow:4px 4px 4px  
4px #0A6835 }
```

# Background

The CSS property to change the background color of an element to Hex 0A6835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6835 }
```

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

```
.background{ background-color:#0A6835 }
```

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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