

# Converting Colors

Hex(00651B)

Have a look what the booklet for  
Hex(00651B) contains.

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**Color**

**Hex(00651B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00651B
RGB	0, 101, 27
RGB Percent	0%, 40%, 11%
CMY	1.0000, 0.6039, 0.8941
CMYK	1.00, 0.00, 0.73, 0.60
HSL	136°, 100%, 20%
HSV	136°, 100%, 40%
XYZ	4.8515, 9.3865, 2.5930
YIQ	62.3650, -36.4420, -44.4260

# Conversions

## Conversions Part 2

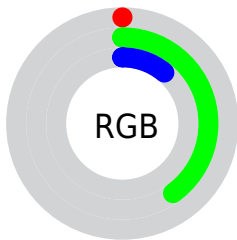
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 80, 101
Decimal	25883
CIELab	36.72, -41.76, 33.35
CIELCh	37, 53.443, 141.386
Yxy	9.3865, 0.2882, 0.5577
Android (android.graphics.Color)	4278215963 (0xFF00651B)
YUV	62.3650, -17.4349, -54.6941
Hunter-Lab	30.6374, -25.3495, 16.4282

# Details

The Hex color **00651B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **65004A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **47994B**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **00651B**, and if you desaturate by 10%, it is **0A6522**.

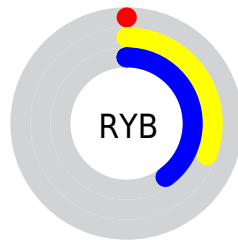
# Distribution



Red (0%)

Green (40%)

Blue (11%)



Red (0%)

Yellow (31%)

Blue (40%)

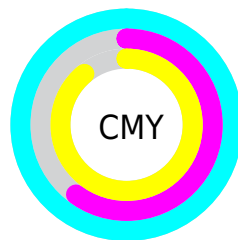


Cyan (100%)

Magenta (0%)

Yellow (73%)

Black (60%)



Cyan (100%)

Magenta (60%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00651B 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 00651B by changing the saturation by 10% instead.



 00651B

 00651B

FFFFFF

 004C01

 47994B

 003400

 62B464

 001F00

 7ED07D

 000000

 99ED98

 B5FFB3

 D2FFCF

 EFFFEB

 00651B

 0A6522

 14652A


 1E6531

 286539

 336540

 3D6547

 47654F

 516556

 5B655E

# Harmonies

## Analogous

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



4C5D00



00651B



006948

# Triad

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



00651B



005FAC



A1283A

# Complementary

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



00651B



65004A

# 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.



9C2665



00651B



3650A7

# Square

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



00651B



006799



7D3B8D



913D11

# Rectangle

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



00651B



006966



7D3B8D



A22448



# Sweetspot

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



00651B



5B8265



4A6500



2A4231



C2C2C2



424242



# Same Dimension

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



00651B



008223



00654D



2E332F



00731F



00F241



# Inverse Universe

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



65004A



82005F



650018



332E32



730054

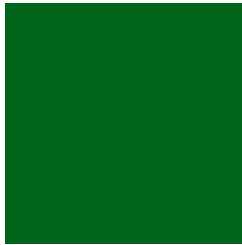


F200B1



# Previews

## White Background



This preview shows how the Hex color 00651B looks on a white background.

## Color Contrast Check

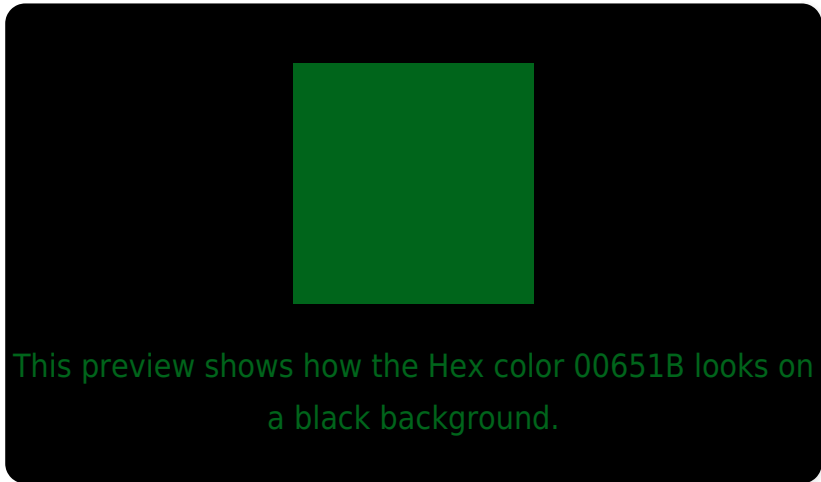
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

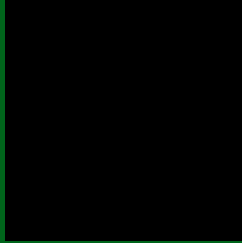
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00651B Background



This preview shows how black text looks on a background with the Hex color 00651B.



This preview shows how white text looks on a background with the Hex color 00651B.

# 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**  
00651B

**Protanopia**  
615717

**Deuteranopia**  
6C5222



**Tritanopia**  
295E66

# Trichromacy



**Original Color**  
00651B



**Protanomaly**  
3E5C18



**Deuteranomaly**  
45591F



**Tritanomaly**  
1A614B

# Monochromacy



**Original Color**  
00651B



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
274C31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00651B 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 #00651B looks like.

```
.text, #text, p{  
    color:#00651B  
}
```

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 #00651B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00651B
}
```

## Border

The CSS property to change the border of an element to Hex 00651B 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".

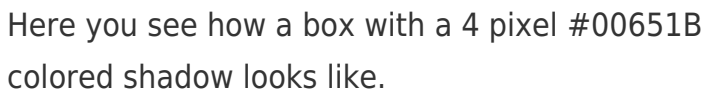
```
.border, #border, table{ border:4px solid
#00651B }
```

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

```
.border{ border-color:#00651B }
```

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

Here you see how a box with a 4 pixel #00651B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00651B; -webkit-box-shadow:4px 4px  
4px 4px #00651B; box-shadow:4px 4px 4px  
4px #00651B }
```

# Background

The CSS property to change the background color of an element to Hex 00651B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00651B }
```

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

```
.background{ background-color:#00651B }
```

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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