

# Converting Colors

Hex(1B750B)

Have a look what the booklet for  
Hex(1B750B) contains.

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# Color

Hex(1B750B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B750B
RGB	27, 117, 11
RGB Percent	11%, 46%, 4%
CMY	0.8941, 0.5412, 0.9569
CMYK	0.77, 0.00, 0.91, 0.54
HSL	111°, 83%, 25%
HSV	111°, 91%, 46%
XYZ	6.8737, 12.9798, 2.4597
YIQ	78.0060, -19.6140, -52.0460

# Conversions

## Conversions Part 2

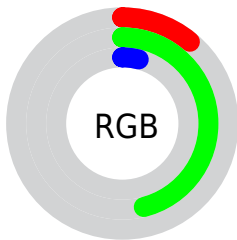
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 117, 101
Decimal	1799435
CIELab	42.73, -44.84, 44.73
CIELCh	43, 63.335, 135.075
Yxy	12.9798, 0.3081, 0.5817
Android (android.graphics.Color)	4279989515 (0xFF1B750B)
YUV	78.0060, -33.0340, -44.7323
Hunter-Lab	36.0274, -28.9919, 21.1713

# Details

The Hex color **1B750B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **650B75**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **58AA43**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **127500**, and if you desaturate by 10%, it is **257517**.

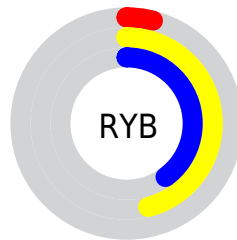
# Distribution



Red (11%)

Green (46%)

Blue (4%)



Red (4%)

Yellow (46%)

Blue (40%)

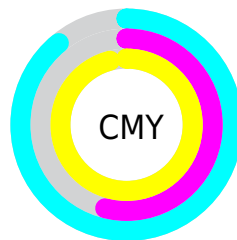


Cyan (77%)

Magenta (0%)

Yellow (91%)

Black (54%)



Cyan (89%)

Magenta (54%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B750B 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 1B750B by changing the saturation by 10% instead.





1B750B



1B750B

FFFFFF



005C00



58AA43



004300



74C65C



002D00



90E276



001100



ACFF91



000000



C9FFAC



E6FFC8



FFFFE5



1B750B



1B750B

■ 127500

■ 257517

■ 2F7522

■ 39752E

■ 43753A

■ 4D7545

■ 577551

■ 61755D

■ 6A7569

■ 747574

# Harmonies

## Analogous

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



626B00



1B750B



007A48

# Triad

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



1B750B



0072CB



C0254D

# Complementary

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



1B750B



650B75

# 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.



B42B81



1B750B



0062CB

# Square

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



1B750B



007AAF



8749B0



B13F1A

# Rectangle

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



1B750B



007B6D



8749B0



BF215E



# Sweetspot

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



1B750B



769970



75630B



384D34



CCCCCC



4D4D4D



# Same Dimension

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



1B750B



179900



0B752E



363B35



127A00



26FA00



# Inverse Universe

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



650B75



820099



750B52



3A353B



68007A

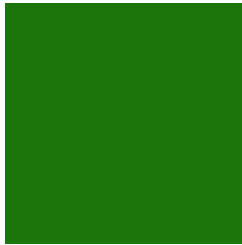


D400FA



# Previews

## White Background



This preview shows how the Hex color 1B750B looks on a white background.

## Color Contrast Check

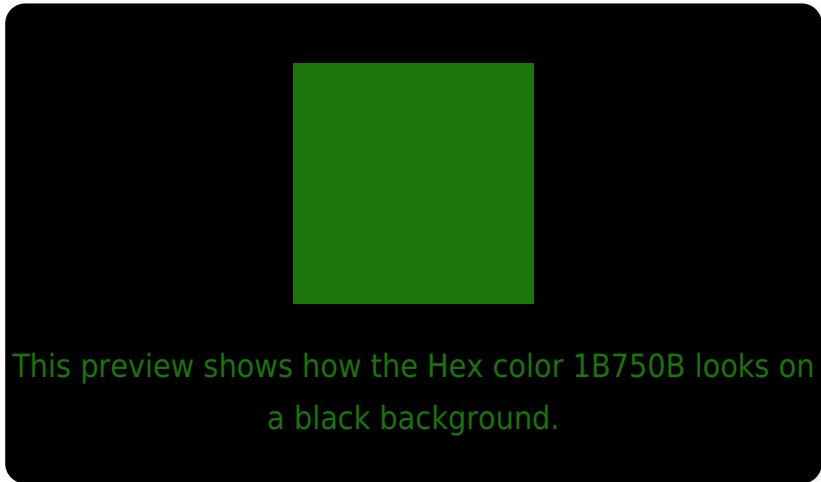
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B750B Background



This preview shows how black text looks on a background with the Hex color 1B750B.



This preview shows how white text looks on a background with the Hex color 1B750B.

# 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**  
1B750B

**Protanopia**  
716500

**Deuteranopia**  
7E5F1B



**Tritanopia**  
376D76

# Trichromacy



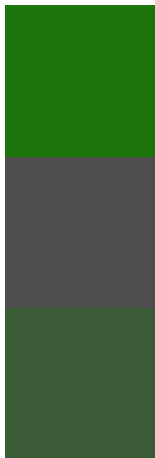
**Original Color**  
1B750B

**Protanomaly**  
526B04

**Deuteranomaly**  
5A6715

**Tritanomaly**  
2D704F

# Monochromacy



**Original Color**  
1B750B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
3B5C36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B750B 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 #1B750B looks like.

```
.text, #text, p{  
    color:#1B750B  
}
```

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 #1B750B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B750B
}
```

## Border

The CSS property to change the border of an element to Hex 1B750B is called "border". The border property can be set on classes, ids or directly on the HTML element.

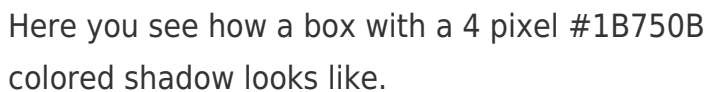
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B750B }
```

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

```
.border{ border-color:#1B750B }
```

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



Here you see how a box with a 4 pixel #1B750B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B750B; -webkit-box-shadow:4px 4px  
4px 4px #1B750B; box-shadow:4px 4px 4px  
4px #1B750B }
```

# Background

The CSS property to change the background color of an element to Hex 1B750B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B750B }
```

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

```
.background{ background-color:#1B750B }
```

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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