

# Converting Colors

Hex(1B6E2E)

Have a look what the booklet for  
Hex(1B6E2E) contains.

<b>Hex(1B6E2E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(1B6E2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	1B6E2E
RGB	27, 110, 46
RGB Percent	11%, 43%, 18%
CMY	0.8941, 0.5686, 0.8196
CMYK	0.75, 0.00, 0.58, 0.57
HSL	134°, 61%, 27%
HSV	134°, 75%, 43%
XYZ	6.5211, 11.5821, 4.4766
YIQ	77.8870, -28.9240, -37.5000

# Conversions

## Conversions Part 2

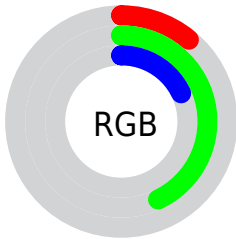
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 95, 110
Decimal	1797678
CIELab	40.54, -39.03, 28.46
CIELCh	41, 48.309, 143.903
Yxy	11.5821, 0.2888, 0.5129
Android (android.graphics.Color)	4279987758 (0xFF1B6E2E)
YUV	77.8870, -15.7203, -44.6279
Hunter-Lab	34.0325, -25.3540, 16.0237

# Details

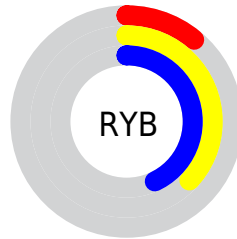
The Hex color **1B6E2E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6E1B5B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **54A35E**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **106E26**, and if you desaturate by 10%, it is **266E36**.

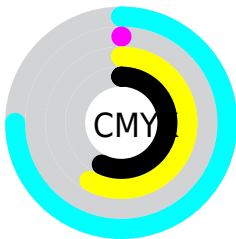
# Distribution



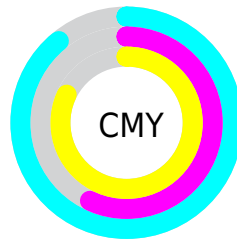
- Red (11%)
- Green (43%)
- Blue (18%)



- Red (11%)
- Yellow (37%)
- Blue (43%)



- Cyan (75%)
- Magenta (0%)
- Yellow (58%)
- Black (57%)



- Cyan (89%)
- Magenta (57%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B6E2E 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 1B6E2E by changing the saturation by 10% instead.





1B6E2E



1B6E2E

FFFFFF



005517



54A35E



003D00



6FBE77



002800



8BDA91



000400



A6F7AC



000000



C3FFC7



DFFFE4



FDFFFF



1B6E2E



1B6E2E

■ 106E26

■ 266E36

■ 056E1D

■ 316E3F

■ 006E19

■ 3C6E47

■ 476E50

■ 526E58

■ 5D6E61

■ 686E69

■ 736E72

■ 7E6E7A

# Harmonies

## Analogous

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



54670A



1B6E2E



007156

# Triad

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



1B6E2E



0067AE



A53B42

# Complementary

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



1B6E2E



6E1B5B

# 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.



A23969



1B6E2E



4F59A8

# Square

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



1B6E2E



006F9F



87468F



964B1F

# Rectangle

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



1B6E2E



007271



87468F



A6384F



# Sweetspot

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



1B6E2E



6E8F75



5C6E1B



334738



C7C7C7



474747



# Same Dimension

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



1B6E2E



0D8F2B



1B6E56



323834



00781B



00F739



# Inverse Universe

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



6E1B5B



8F0D71



6E1B33



383237



78005C



F700BF



# Previews

## White Background



This preview shows how the Hex color 1B6E2E looks on a white background.

## Color Contrast Check

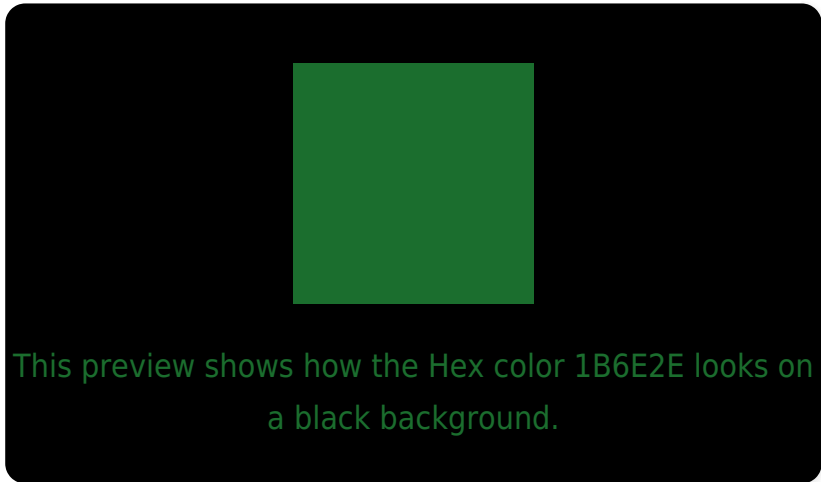
Large Text (above 18pt) WCAG AA ✓ Pass

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

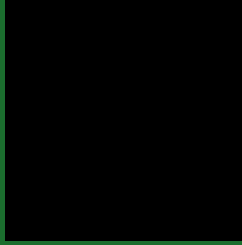
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1B6E2E Background



This preview shows how black text looks on a background with the Hex color 1B6E2E.



This preview shows how white text looks on a background with the Hex color 1B6E2E.

# 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**  
1B6E2E

**Protanopia**  
6A5F29

**Deuteranopia**  
745B33



**Tritanopia**  
326770

# Trichromacy



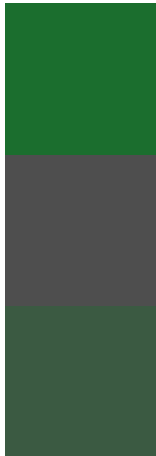
**Original Color**  
1B6E2E

**Protanomaly**  
4D642B

**Deuteranomaly**  
546231

**Tritanomaly**  
2A6A58

# Monochromacy



**Original Color**  
1B6E2E

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
3B5A42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B6E2E 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 #1B6E2E looks like.

```
.text, #text, p{  
    color:#1B6E2E  
}
```

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 #1B6E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6E2E
}
```

## Border

The CSS property to change the border of an element to Hex 1B6E2E 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
#1B6E2E }
```

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

```
.border{ border-color:#1B6E2E }
```

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

Here you see how a box with a 4 pixel #1B6E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6E2E; -webkit-box-shadow:4px 4px  
4px 4px #1B6E2E; box-shadow:4px 4px 4px  
4px #1B6E2E }
```

# Background

The CSS property to change the background color of an element to Hex 1B6E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6E2E }
```

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

```
.background{ background-color:#1B6E2E }
```

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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