

Converting Colors

Hex(1B4E2E)

Have a look what the booklet for
Hex(1B4E2E) contains.

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Color

Hex(1B4E2E)

Conversions

Conversions Part 1

Format	Color
Hex	1B4E2E
RGB	27, 78, 46
RGB Percent	11%, 31%, 18%
CMY	0.8941, 0.6941, 0.8196
CMYK	0.65, 0.00, 0.41, 0.69
HSL	142°, 49%, 21%
HSV	142°, 65%, 31%
XYZ	3.6695, 5.8790, 3.5261
YIQ	59.1030, -20.1240, -20.7640

Conversions

Conversions Part 2

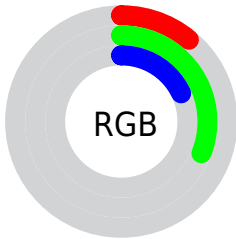
Format	Color
RYB	27, 64, 78
Decimal	1789486
CIELab	29.11, -25.43, 14.02
CIELCh	29, 29.037, 151.134
Yxy	5.8790, 0.2807, 0.4497
Android (android.graphics.Color)	4279979566 (0xFF1B4E2E)
YUV	59.1030, -6.4598, -28.1543
Hunter-Lab	24.2467, -15.4174, 8.3504

Details

The Hex color **1B4E2E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4E1B3B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4D805C**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **134E29**, and if you desaturate by 10%, it is **234E33**.

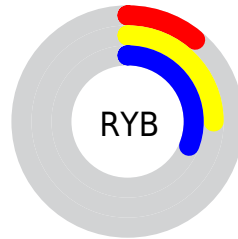
Distribution



Red (11%)

Green (31%)

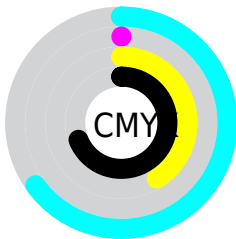
Blue (18%)



Red (11%)

Yellow (25%)

Blue (31%)

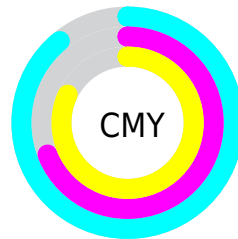


Cyan (65%)

Magenta (0%)

Yellow (41%)

Black (69%)



Cyan (89%)

Magenta (69%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4E2E 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 1B4E2E by changing the saturation by 10% instead.

 1B4E2E

 1B4E2E

FFFFFF

 003719

 4D805C

 002200

 669A75

 000000

 80B58E

 9AD0A9

 B6EDC4

 D2FFE0

 EEEFFD

 1B4E2E

 1B4E2E

■ 134E29

■ 234E33

■ 0B4E24

■ 2B4E38

■ 044E1F

■ 324E3D

■ 004E1D

■ 3A4E42

■ 424E46

■ 4A4E4B

■ 524E50

■ 594E55

■ 614E5A

Harmonies

Analogous

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



3A4A1C



1B4E2E



005045

Triad

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



1B4E2E



194771



6D342F

Complementary

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



1B4E2E



4E1B3B

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.



6D3145



1B4E2E



473E6B

Square

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



1B4E2E



004C6C



61365B



623B1D

Rectangle

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



1B4E2E



005054



61365B



6E3236

Sweetspot

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



1B4E2E



526659



3B4E1B



27332B



B3B3B3



333333

Same Dimension

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



1B4E2E



166634



1B4E47



222624



006626



00E656

Inverse Universe

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



4E1B3B



661648



4E1B22



262225



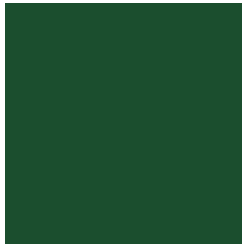
660040



E60090

Previews

White Background



This preview shows how the Hex color 1B4E2E looks on a white background.

Color Contrast Check

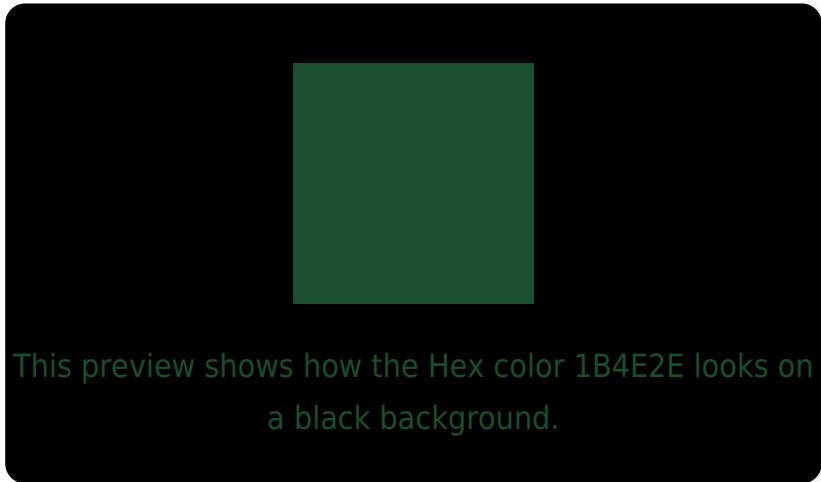
Large Text (above 18pt) WCAG AA ✓ Pass

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

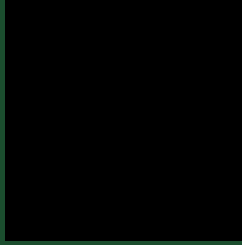
Any Text WCAG AA × Fail

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 1B4E2E Background



This preview shows how black text looks on a background with the Hex color 1B4E2E.



This preview shows how white text looks on a background with the Hex color 1B4E2E.

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](#).

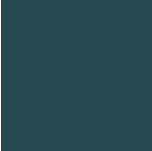
Dichromacy



Original Color
1B4E2E

Protanopia
4B442A

Deuteranopia
514231



Tritanopia
264A50

Trichromacy



Original Color
1B4E2E

Protanomaly
3A482B

Deuteranomaly
3D4630

Tritanomaly
224B44

Monochromacy



Original Color
1B4E2E

Achromatopsia
3B3B3B

Achromatomaly
2F4236

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4E2E 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 #1B4E2E looks like.

```
.text, #text, p{  
    color:#1B4E2E  
}
```

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 #1B4E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4E2E
}
```

Border

The CSS property to change the border of an element to Hex 1B4E2E 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".

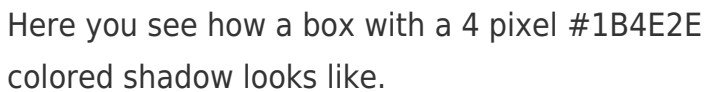
```
.border, #border, table{ border:4px solid
#1B4E2E }
```

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

```
.border{ border-color:#1B4E2E }
```

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

Here you see how a box with a 4 pixel #1B4E2E colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4E2E; -webkit-box-shadow:4px 4px  
4px 4px #1B4E2E; box-shadow:4px 4px 4px  
4px #1B4E2E }
```

Background

The CSS property to change the background color of an element to Hex 1B4E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4E2E }
```

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

```
.background{ background-color:#1B4E2E }
```

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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