

Converting Colors

Hex(1B4D1B)

Have a look what the booklet for
Hex(1B4D1B) contains.

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Color

Hex(1B4D1B)

Conversions

Conversions Part 1

Format	Color
Hex	1B4D1B
RGB	27, 77, 27
RGB Percent	11%, 30%, 11%
CMY	0.8941, 0.6980, 0.8941
CMYK	0.65, 0.00, 0.65, 0.70
HSL	120°, 48%, 20%
HSV	120°, 65%, 30%
XYZ	3.3037, 5.6199, 1.9475
YIQ	56.3500, -13.7500, -26.1500

Conversions

Conversions Part 2

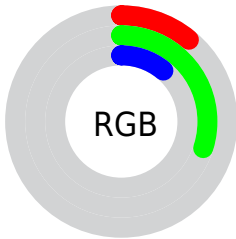
Format	Color
RYB	27, 77, 77
Decimal	1789211
CIELab	28.43, -28.34, 24.30
CIELCh	28, 37.336, 139.388
Yxy	5.6199, 0.3039, 0.5170
Android (android.graphics.Color)	4279979291 (0xFF1B4D1B)
YUV	56.3500, -14.4695, -25.7400
Hunter-Lab	23.7063, -16.6104, 11.7236

Details

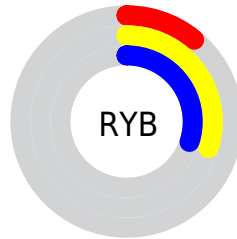
The Hex color **1B4D1B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D1B4D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **4D7F48**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **134D13**, and if you desaturate by 10%, it is **234D23**.

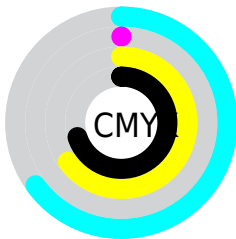
Distribution



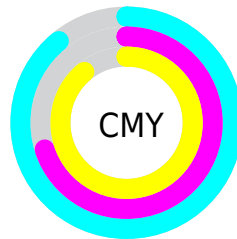
- Red (11%)
- Green (30%)
- Blue (11%)



- Red (11%)
- Yellow (30%)
- Blue (30%)



- Cyan (65%)
- Magenta (0%)
- Yellow (65%)
- Black (70%)



- Cyan (89%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4D1B 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 1B4D1B by changing the saturation by 10% instead.



1B4D1B



1B4D1B

FFFFFF



003603



4D7F48



002200



669961



000000



80B47A



9BCF94



B7ECAE



D3FFCA



EFFFE6



1B4D1B



1B4D1B

■ 134D13

■ 234D23

■ 0C4D0C

■ 2A4D2A

■ 044D04

■ 324D32

■ 004D00

■ 3A4D3A

■ 424D42

■ 494D49

■ 514D51

■ 594D59

■ 604D60

Harmonies

Analogous

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



3F4704



1B4D1B



005038

Triad

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



1B4D1B



00497C



772832

Complementary

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



1B4D1B



4D1B4D

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.



72284F



1B4D1B



2E407A

Square

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



1B4D1B



004F6E



5B3369



6D3218

Rectangle

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



1B4D1B



00514C



5B3369



77263B

Sweetspot

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



1B4D1B



516351



4D4D1B



273327



B3B3B3



333333

Same Dimension

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



1B4D1B



166316



1B4D34



222622



006600



00E600

Inverse Universe

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



4D1B4D



631663



4D1B34



262226



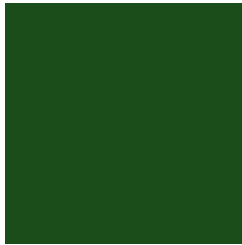
660066



E600E6

Previews

White Background



This preview shows how the Hex color 1B4D1B looks on a white background.

Color Contrast Check

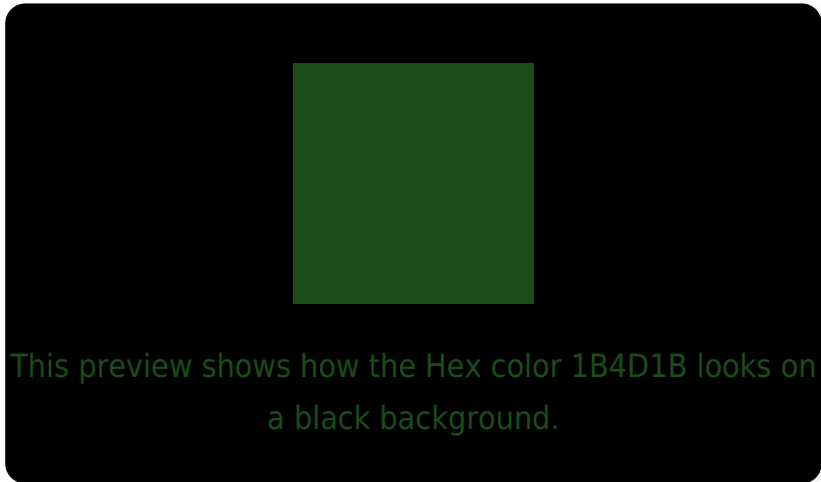
Large Text (above 18pt) WCAG AA ✓ Pass

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

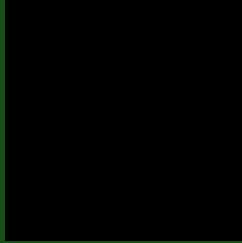
Any Text WCAG AA × Fail

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 1B4D1B Background



This preview shows how black text looks on a background with the Hex color 1B4D1B.



This preview shows how white text looks on a background with the Hex color 1B4D1B.

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
1B4D1B

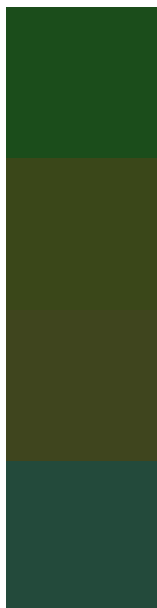
Protanopia
4B4318

Deuteranopia
53401F



Tritanopia
28484E

Trichromacy



Original Color
1B4D1B

Protanomaly
3A4719

Deuteranomaly
3F451E

Tritanomaly
234A3B

Monochromacy



Original Color
1B4D1B

Achromatopsia
383838

Achromatomaly
2D402D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4D1B 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 #1B4D1B looks like.

```
.text, #text, p{  
    color:#1B4D1B  
}
```

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 #1B4D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4D1B
}
```

Border

The CSS property to change the border of an element to Hex 1B4D1B 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".

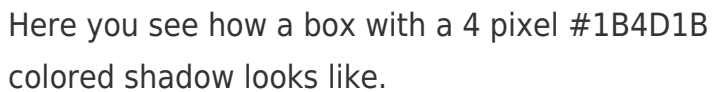
```
.border, #border, table{ border:4px solid
#1B4D1B }
```

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

```
.border{ border-color:#1B4D1B }
```

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

Here you see how a box with a 4 pixel #1B4D1B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4D1B; -webkit-box-shadow:4px 4px  
4px 4px #1B4D1B; box-shadow:4px 4px 4px  
4px #1B4D1B }
```

Background

The CSS property to change the background color of an element to Hex 1B4D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4D1B }
```

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

```
.background{ background-color:#1B4D1B }
```

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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