

Converting Colors

Hex(1B5A1B)

Have a look what the booklet for
Hex(1B5A1B) contains.

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Color

Hex(1B5A1B)

Conversions

Conversions Part 1

Format	Color
Hex	1B5A1B
RGB	27, 90, 27
RGB Percent	11%, 35%, 11%
CMY	0.8941, 0.6471, 0.8941
CMYK	0.70, 0.00, 0.70, 0.65
HSL	120°, 54%, 23%
HSV	120°, 70%, 35%
XYZ	4.3060, 7.6245, 2.2816
YIQ	63.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

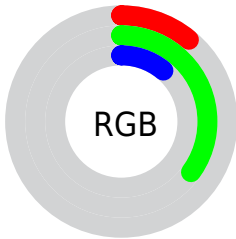
Format	Color
R_{YB}	27, 90, 90
Decimal	1792539
CIE Lab	33.19, -33.77, 29.67
CIE LCh	33, 44.955, 138.703
Yxy	7.6245, 0.3030, 0.5365
Android (android.graphics.Color)	4279982619 (0xFF1B5A1B)
YUV	63.9810, -18.2316, -32.4323
Hunter-Lab	27.6124, -20.4858, 14.4295

Details

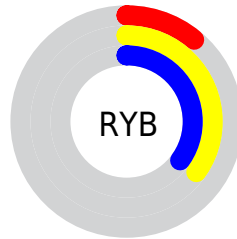
The Hex color **1B5A1B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A1B5A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **508D4A**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **125A12**, and if you desaturate by 10%, it is **245A24**.

Distribution



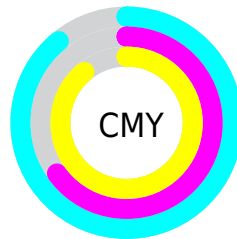
- Red (11%)
- Green (35%)
- Blue (11%)



- Red (11%)
- Yellow (35%)
- Blue (35%)



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



- Cyan (89%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B5A1B 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 1B5A1B by changing the saturation by 10% instead.



1B5A1B



1B5A1B

FFFFFF



004203



508D4A



002B00



6AA862



001300



85C37C



000000



A0DF96



BCFCB1



D8FFCD



F5FFE9



1B5A1B



1B5A1B

■ 125A12

■ 245A24

■ 095A09

■ 2D5A2D

■ 005A00

■ 365A36

■ 3F5A3F

■ 485A48

■ 515A51

■ 5A5A5A

■ 635A63

■ 6C5A6C

Harmonies

Analogous

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



4A5300



1B5A1B



005D3F

Triad

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



1B5A1B



005694



8D2A3A

Complementary

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



1B5A1B



5A1B5A

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.



872B5D



1B5A1B



2F4A92

Square

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



1B5A1B



005C83



6B3A7D



823819

Rectangle

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



1B5A1B



005E58



6B3A7D



8D2845

Sweetspot

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



1B5A1B



5D755D



5A5A1B



2C3B2C



BABABA



3B3B3B

Same Dimension

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



1B5A1B



137513



1B5A3B



292E29



006E00



00ED00

Inverse Universe

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



5A1B5A



751375



5A1B3B



2E292E



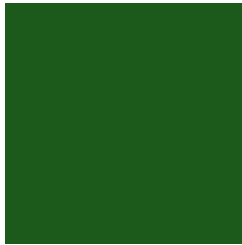
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 1B5A1B looks on a white background.

Color Contrast Check

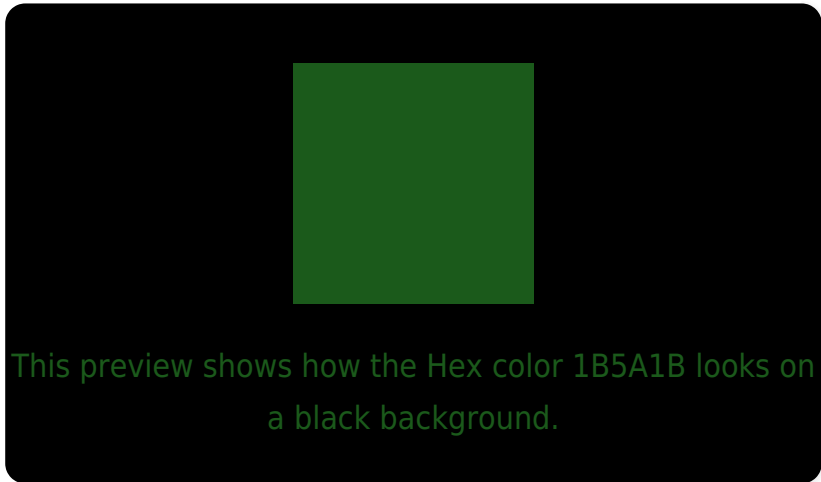
Large Text (above 18pt) WCAG AA ✓ Pass

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

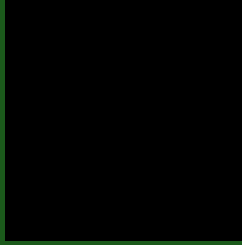
Any Text WCAG AA × Fail

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 1B5A1B Background



This preview shows how black text looks on a background with the Hex color 1B5A1B.



This preview shows how white text looks on a background with the Hex color 1B5A1B.

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
1B5A1B

Protanopia
574E18

Deuteranopia
614A21



Tritanopia
2C545B

Trichromacy



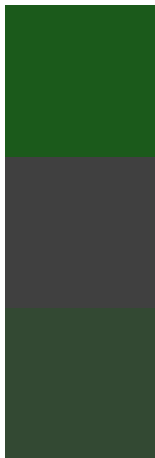
Original Color
1B5A1B

Protanomaly
415219

Deuteranomaly
48501F

Tritanomaly
265644

Monochromacy



Original Color
1B5A1B

Achromatopsia
404040

Achromatomaly
334933

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B5A1B 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 #1B5A1B looks like.

```
.text, #text, p{  
    color:#1B5A1B  
}
```

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 #1B5A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5A1B
}
```

Border

The CSS property to change the border of an element to Hex 1B5A1B 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
#1B5A1B }
```

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

```
.border{ border-color:#1B5A1B }
```

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

Here you see how a box with a 4 pixel #1B5A1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5A1B; -webkit-box-shadow:4px 4px  
4px 4px #1B5A1B; box-shadow:4px 4px 4px  
4px #1B5A1B }
```

Background

The CSS property to change the background color of an element to Hex 1B5A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5A1B }
```

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

```
.background{ background-color:#1B5A1B }
```

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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