

# Converting Colors

Hex(1C4A1C)

Have a look what the booklet for  
Hex(1C4A1C) contains.

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# Color

Hex(1C4A1C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1C4A1C
RGB	28, 74, 28
RGB Percent	11%, 29%, 11%
CMY	0.8902, 0.7098, 0.8902
CMYK	0.62, 0.00, 0.62, 0.71
HSL	120°, 45%, 20%
HSV	120°, 62%, 29%
XYZ	3.1373, 5.2283, 1.9424
YIQ	55.0020, -12.6500, -24.0580

# Conversions

## Conversions Part 2

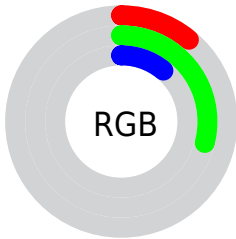
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 74, 74
Decimal	1853980
CIE <sub>Lab</sub>	27.38, -26.57, 22.53
CIE <sub>LCh</sub>	27, 34.837, 139.712
Yxy	5.2283, 0.3044, 0.5072
Android (android.graphics.Color)	4280044060 (0xFF1C4A1C)
YUV	55.0020, -13.3120, -23.6808
Hunter-Lab	22.8654, -15.5232, 10.9691

# Details

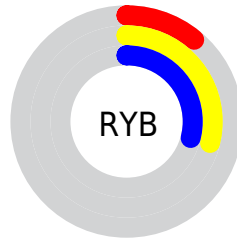
The Hex color **1C4A1C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4A1C4A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4D7B49**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **154A15**, and if you desaturate by 10%, it is **234A23**.

# Distribution



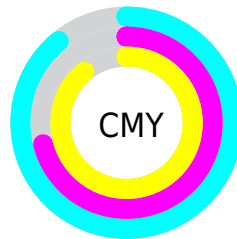
- Red (11%)
- Green (29%)
- Blue (11%)



- Red (11%)
- Yellow (29%)
- Blue (29%)



- Cyan (62%)
- Magenta (0%)
- Yellow (62%)
- Black (71%)



- Cyan (89%)
- Magenta (71%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C4A1C 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 1C4A1C by changing the saturation by 10% instead.



 1C4A1C

 1C4A1C

FFFFFF

 023304

 4D7B49

 002000

 669561

 000000

 80B07A

 9BCC94

 B6E8AF

 D2FFCB

 EFFF7

 1C4A1C

 1C4A1C

■ 154A15

■ 234A23

■ 0D4A0D

■ 2B4A2B

■ 064A06

■ 324A32

■ 004A00

■ 3A4A3A

■ 414A41

■ 484A48

■ 504A50

■ 574A57

■ 5F4A5F

# Harmonies

## Analogous

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



3D4507



1C4A1C



004D36

# Triad

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



1C4A1C



004675



712830

# Complementary

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



1C4A1C



4A1C4A

# 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.



6C284B



1C4A1C



2F3D73

# Square

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



1C4A1C



004B69



583263



683118

# Rectangle

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



1C4A1C



004D49



583263



712739



# Sweetspot

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



1C4A1C



4E614E



4A4A1C



253025



B0B0B0



303030



# Same Dimension

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



1C4A1C



186118



1C4A33



222622



006600



00E600



# Inverse Universe

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



4A1C4A



611861



4A1C33



262226



660066

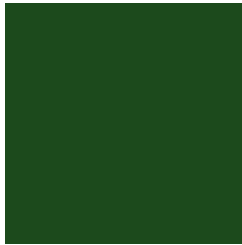


E600E6



# Previews

## White Background



This preview shows how the Hex color 1C4A1C looks on a white background.

## Color Contrast Check

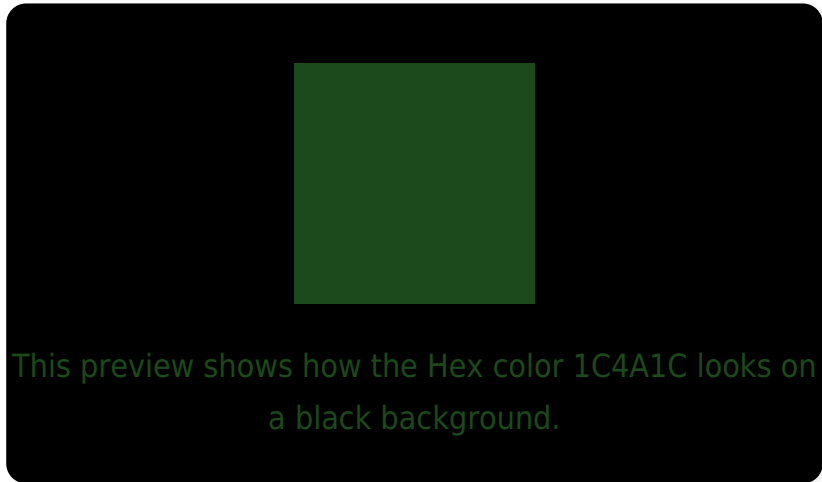
Large Text (above 18pt) WCAG AA ✓ Pass

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

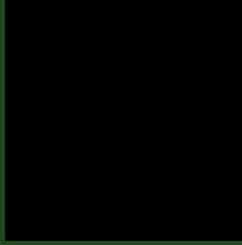
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C4A1C Background



This preview shows how black text looks on a background with the Hex color 1C4A1C.



This preview shows how white text looks on a background with the Hex color 1C4A1C.

# 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**  
1C4A1C

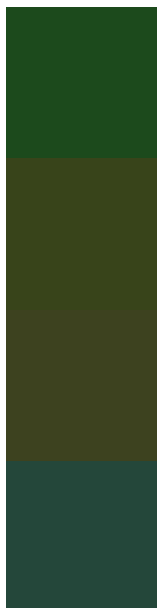
**Protanopia**  
484119

**Deuteranopia**  
503D20



**Tritanopia**  
28454B

# Trichromacy



**Original Color**  
1C4A1C

**Protanomaly**  
38441A

**Deuteranomaly**  
3D421F

**Tritanomaly**  
24473A

# Monochromacy



**Original Color**  
1C4A1C

**Achromatopsia**  
373737

**Achromatomaly**  
2D3E2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C4A1C 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 #1C4A1C looks like.

```
.text, #text, p{  
    color:#1C4A1C  
}
```

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 #1C4A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4A1C
}
```

## Border

The CSS property to change the border of an element to Hex 1C4A1C 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
#1C4A1C }
```

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

```
.border{ border-color:#1C4A1C }
```

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

Here you see how a box with a 4 pixel #1C4A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4A1C; -webkit-box-shadow:4px 4px  
4px 4px #1C4A1C; box-shadow:4px 4px 4px  
4px #1C4A1C }
```

# Background

The CSS property to change the background color of an element to Hex 1C4A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4A1C }
```

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

```
.background{ background-color:#1C4A1C }
```

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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