

Converting Colors

Hex(1C4A2C)

Have a look what the booklet for
Hex(1C4A2C) contains.

Hex(1C4A2C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1C4A2C)

Conversions

Conversions Part 1

Format	Color
Hex	1C4A2C
RGB	28, 74, 44
RGB Percent	11%, 29%, 17%
CMY	0.8902, 0.7098, 0.8275
CMYK	0.62, 0.00, 0.41, 0.71
HSL	141°, 45%, 20%
HSV	141°, 62%, 29%
XYZ	3.3823, 5.3263, 3.2327
YIQ	56.8260, -17.7860, -19.0820

Conversions

Conversions Part 2

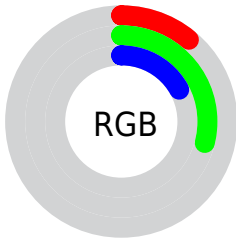
Format	Color
R_YB	28, 62, 74
Decimal	1853996
CIE Lab	27.64, -23.66, 13.32
CIE LCh	28, 27.155, 150.625
Yxy	5.3263, 0.2832, 0.4460
Android (android.graphics.Color)	4280044076 (0xFF1C4A2C)
YUV	56.8260, -6.3232, -25.2804
Hunter-Lab	23.0787, -14.2278, 7.8503

Details

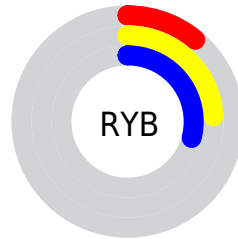
The Hex color **1C4A2C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4A1C3A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **4D7B5A**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **154A27**, and if you desaturate by 10%, it is **234A31**.

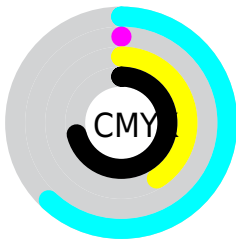
Distribution



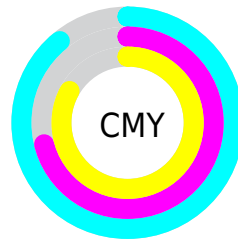
- Red (11%)
- Green (29%)
- Blue (17%)



- Red (11%)
- Yellow (24%)
- Blue (29%)



- Cyan (62%)
- Magenta (0%)
- Yellow (41%)
- Black (71%)



- Cyan (89%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C4A2C 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 1C4A2C by changing the saturation by 10% instead.

 1C4A2C

 1C4A2C

FFFFFF

 023317

 4D7B5A

 001F00

 669572

 000000

 7FB08C

 9ACCA6

 B5E8C2

 D1FFDE

 EEEFFA

 1C4A2C

 1C4A2C

■ 154A27

■ 234A31

■ 0D4A22

■ 2B4A36

■ 064A1E

■ 324A3A

■ 004A1A

■ 3A4A3F

■ 414A44

■ 484A49

■ 504A4E

■ 574A53

■ 5F4A57

Harmonies

Analogous

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



38461C



1C4A2C



004C41

Triad

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



1C4A2C



1A436B



67322D

Complementary

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



1C4A2C



4A1C3A

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.



672F42



1C4A2C



433C65

Square

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



1C4A2C



004965



5B3456



5D391D

Rectangle

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



1C4A2C



004C4F



5B3456



683034

Sweetspot

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



1C4A2C



4E6155



3B4A1C



253029



B0B0B0



303030

Same Dimension

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



1C4A2C



186132



1C4A42



222624



006623



00E650

Inverse Universe

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



4A1C3A



611848



4A1C24



262225



660043



E60096

Previews

White Background



This preview shows how the Hex color 1C4A2C looks on a white background.

Color Contrast Check

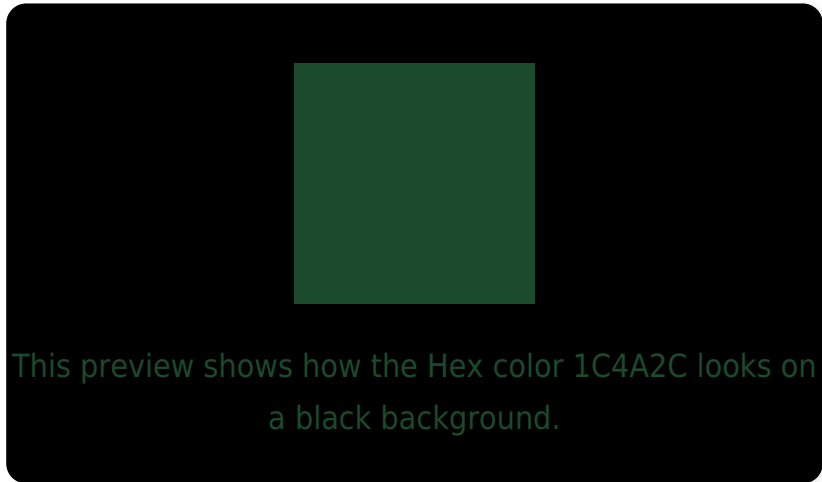
Large Text (above 18pt) WCAG AA ✓ Pass

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

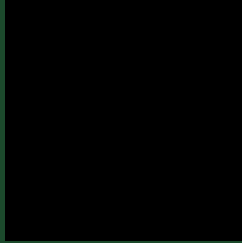
Any Text WCAG AA × Fail

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 1C4A2C Background



This preview shows how black text looks on a background with the Hex color 1C4A2C.



This preview shows how white text looks on a background with the Hex color 1C4A2C.

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](#).

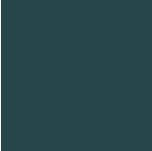
Dichromacy



Original Color
1C4A2C

Protanopia
474129

Deuteranopia
4D3E2F



Tritanopia
26464C

Trichromacy



Original Color
1C4A2C

Protanomaly
37442A

Deuteranomaly
3B422E

Tritanomaly
224740

Monochromacy



Original Color
1C4A2C

Achromatopsia
393939

Achromatomaly
2E3F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C4A2C 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 #1C4A2C looks like.

```
.text, #text, p{  
  color:#1C4A2C  
}
```

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 #1C4A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4A2C
}
```

Border

The CSS property to change the border of an element to Hex 1C4A2C 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".

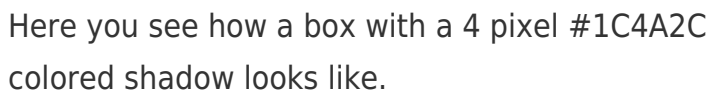
```
.border, #border, table{ border:4px solid
#1C4A2C }
```

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

```
.border{ border-color:#1C4A2C }
```

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

Here you see how a box with a 4 pixel #1C4A2C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4A2C; -webkit-box-shadow:4px 4px  
4px 4px #1C4A2C; box-shadow:4px 4px 4px  
4px #1C4A2C }
```

Background

The CSS property to change the background color of an element to Hex 1C4A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4A2C }
```

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

```
.background{ background-color:#1C4A2C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor