

Converting Colors

Hex(C31A1A)

Have a look what the booklet for
Hex(C31A1A) contains.

Hex(C31A1A)	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(C31A1A)

Conversions

Conversions Part 1

Format	Color
Hex	C31A1A
RGB	195, 26, 26
RGB Percent	76%, 10%, 10%
CMY	0.2353, 0.8980, 0.8980
CMYK	0.00, 0.87, 0.87, 0.24
HSL	0°, 76%, 43%
HSV	0°, 87%, 76%
XYZ	23.0615, 12.4155, 2.1582
YIQ	76.5310, 100.7240, 35.8280

Conversions

Conversions Part 2

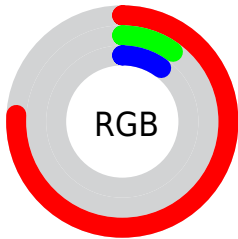
Format	Color
RYB	195, 26, 26
Decimal	12786202
CIELab	41.87, 62.42, 45.65
CIElCh	42, 77.330, 36.178
Yxy	12.4155, 0.6128, 0.3299
Android (android.graphics.Color)	4290976282 (0xFFC31A1A)
YUV	76.5310, -24.9118, 103.8973
Hunter-Lab	35.2356, 55.1651, 21.0333

Details

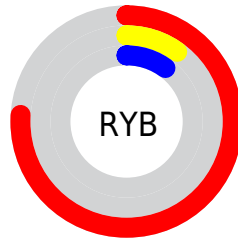
The Hex color **C31A1A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **1AC3C3**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5C48**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C30606**, and if you desaturate by 10%, it is **C32D2D**.

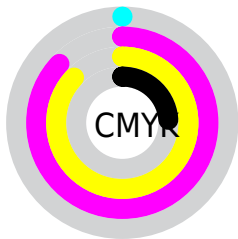
Distribution



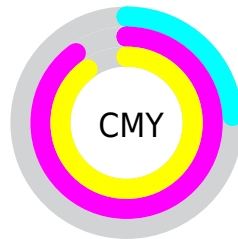
- Red (76%)
- Green (10%)
- Blue (10%)



- Red (76%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (87%)
- Yellow (87%)
- Black (24%)



- Cyan (24%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color C31A1A 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 C31A1A by changing the saturation by 10% instead.

 C31A1A

 C31A1A

FFFFFF

 A30002

 FF5C48

 840000

 FF7861

 640000

 FF957A

 470002

 FFB294

 280001

 FFCFAF

 000000

 FFECCA

 FFFFE7

 C31A1A

 C31A1A

 C30606

 C32D2D

 C30000

 C34141

 C35454

 C36868

 C37B7B

 C38F8F

 C3A2A2

 C3B6B6

 C3C9C9

Harmonies

Analogous

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



CD0059



C31A1A



A04B00

Triad

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



C31A1A



00792A



0068E4

Complementary

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



C31A1A



1AC3C3

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.



0077D9



C31A1A



007C6F

Square

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



C31A1A



207300



007CAD



6D4ACB

Rectangle

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



C31A1A



805E00



007CAD



006EE4

Sweetspot

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



C31A1A



FCBBBB



C31AC3



805858



000000



808080

Same Dimension

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



C31A1A



FC0000



C36E1A



615757



A10000



210000

Inverse Universe

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



1AC3C3



00FCFC



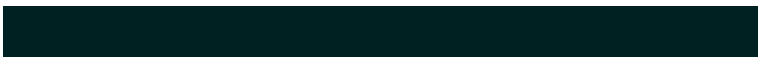
1A6EC3



576161



00A1A1



002121

Previews

White Background



This preview shows how the Hex color C31A1A looks on a white background.

Color Contrast Check

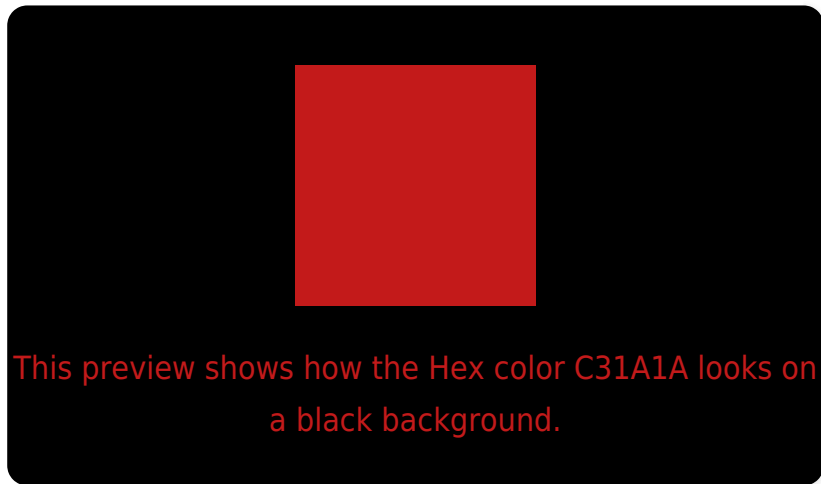
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 C31A1A Background



This preview shows how black text looks on a background with the Hex color C31A1A.



This preview shows how white text looks on a background with the Hex color C31A1A.

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
C31A1A

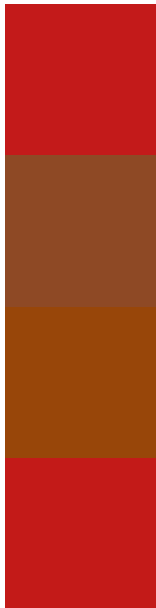
Protanopia
6F642B

Deuteranopia
7F5F00



Tritanopia
C31A17

Trichromacy



Original Color
C31A1A

Protanomaly
8E4925

Deuteranomaly
984609

Tritanomaly
C31A18

Monochromacy



Original Color
C31A1A

Achromatopsia
4D4D4D

Achromatomaly
783A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex C31A1A 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 #C31A1A looks like.

```
.text, #text, p{  
    color:#C31A1A  
}
```

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 #C31A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C31A1A
}
```

Border

The CSS property to change the border of an element to Hex C31A1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

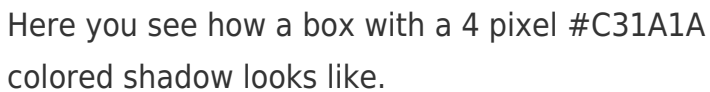
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C31A1A }
```

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

```
.border{ border-color:#C31A1A }
```

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



Here you see how a box with a 4 pixel `#C31A1A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C31A1A; -webkit-box-shadow:4px 4px  
4px 4px #C31A1A; box-shadow:4px 4px 4px  
4px #C31A1A }
```

Background

The CSS property to change the background color of an element to Hex C31A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C31A1A }
```

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

```
.background{ background-color:#C31A1A }
```

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