

# Converting Colors

Hex(1C931C)

Have a look what the booklet for  
Hex(1C931C) contains.

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# Color

Hex(1C931C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C931C
RGB	28, 147, 28
RGB Percent	11%, 58%, 11%
CMY	0.8902, 0.4235, 0.8902
CMYK	0.81, 0.00, 0.81, 0.42
HSL	120°, 68%, 34%
HSV	120°, 81%, 58%
XYZ	11.1222, 21.1982, 4.6041
YIQ	97.8530, -32.7250, -62.2370

# Conversions

## Conversions Part 2

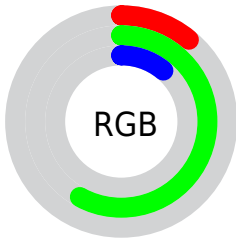
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 147, 147
Decimal	1872668
CIE <sub>Lab</sub>	53.17, -53.57, 49.57
CIE <sub>LCh</sub>	53, 72.986, 137.217
Yxy	21.1982, 0.3012, 0.5741
Android (android.graphics.Color)	4280062748 (0xFF1C931C)
YUV	97.8530, -34.4375, -61.2611
Hunter-Lab	46.0415, -37.4524, 26.3001

# Details

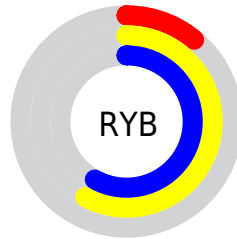
The Hex color **1C931C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **931C93**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **60CA52**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **0D930D**, and if you desaturate by 10%, it is **2B932B**.

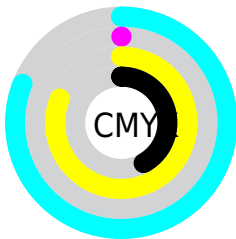
# Distribution



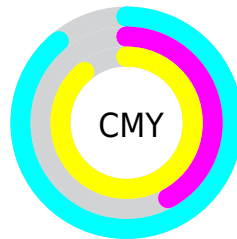
- Red (11%)
- Green (58%)
- Blue (11%)



- Red (11%)
- Yellow (58%)
- Blue (11%)



- Cyan (81%)
- Magenta (0%)
- Yellow (81%)
- Black (42%)



- Cyan (89%)
- Magenta (42%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C931C 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 1C931C by changing the saturation by 10% instead.





1C931C



1C931C

FFFFFF



007800



60CA52



005F00



7DE76D



004600



9AFF87



003000



B7FFA3



001300



D5FFBF



000000



F3FFDB



FFFFFF8



1C931C



1C931C

0D930D

2B932B

009300

399339

489348

579357

669366

749374

839383

929392

A093A0

# Harmonies

## Analogous

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



788700



1C931C



009961

# Triad

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



1C931C



008EFA



EC355E

# Complementary

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



1C931C



931C93

# 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.



E0399D



1C931C



287AF8

# Square

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



1C931C



0098DB



AD5BD5



D95421

# Rectangle

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



1C931C



009A8D



AD5BD5



EC3173



# Sweetspot

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



1C931C



91BF91



93931C



456145



E0E0E0



616161



# Same Dimension

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



1C931C



06BF06



1C9357



434A43



008A00



000A00



# Inverse Universe

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



931C93



BF06BF



931C57



4A434A



8A008A

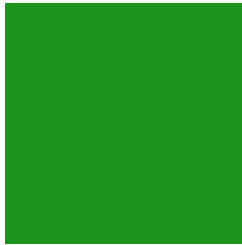


0A000A



# Previews

## White Background



This preview shows how the Hex color 1C931C looks on a white background.

## Color Contrast Check

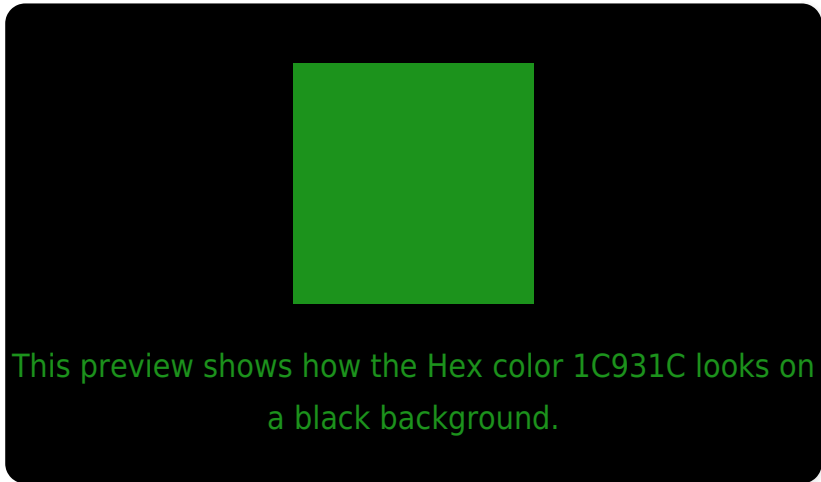
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 1C931C Background



This preview shows how black text looks on a background with the Hex color 1C931C.



This preview shows how white text looks on a background with the Hex color 1C931C.

# 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**  
1C931C

**Protanopia**  
8E7E17

**Deuteranopia**  
9E7829



**Tritanopia**  
428994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C931C 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 #1C931C looks like.

```
.text, #text, p{  
    color:#1C931C  
}
```

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 #1C931C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C931C
}
```

## Border

The CSS property to change the border of an element to Hex 1C931C 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
#1C931C }
```

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

```
.border{ border-color:#1C931C }
```

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

Here you see how a box with a 4 pixel #1C931C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C931C; -webkit-box-shadow:4px 4px  
4px 4px #1C931C; box-shadow:4px 4px 4px  
4px #1C931C }
```

# Background

The CSS property to change the background color of an element to Hex 1C931C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C931C }
```

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

```
.background{ background-color:#1C931C }
```

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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