

# Converting Colors

Hex(1C7B1E)

Have a look what the booklet for  
Hex(1C7B1E) contains.

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# Color

Hex(1C7B1E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C7B1E
RGB	28, 123, 30
RGB Percent	11%, 48%, 12%
CMY	0.8902, 0.5176, 0.8824
CMYK	0.77, 0.00, 0.76, 0.52
HSL	121°, 63%, 30%
HSV	121°, 77%, 48%
XYZ	7.7962, 14.5065, 3.6174
YIQ	83.9930, -26.7670, -49.0630

# Conversions

## Conversions Part 2

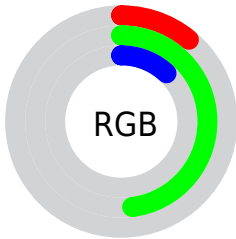
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 121, 123
Decimal	1866526
CIE Lab	44.95, -45.47, 40.79
CIE LCh	45, 61.089, 138.106
Yxy	14.5065, 0.3008, 0.5597
Android (android.graphics.Color)	4280056606 (0xFF1C7B1E)
YUV	83.9930, -26.6185, -49.1059
Hunter-Lab	38.0874, -30.1155, 21.0300




# Details

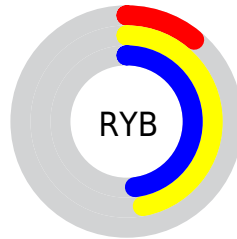
The Hex color **1C7B1E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7B1C79**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **59B150**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **107B12**, and if you desaturate by 10%, it is **287B2A**.

# Distribution







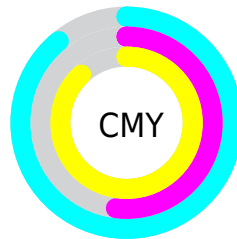
-  Red (11%)
-  Green (48%)
-  Blue (12%)






-  Red (11%)
-  Yellow (47%)
-  Blue (48%)



-  Cyan (77%)
-  Magenta (0%)
-  Yellow (76%)
-  Black (52%)



-  Cyan (89%)
-  Magenta (52%)
-  Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C7B1E 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 1C7B1E by changing the saturation by 10% instead.



 1C7B1E

 1C7B1E

FFFFFF

 006100

 59B150

 004900

 75CC6A

 003100

 91E984

 001A00

 AEFF9F

 000000

 CAFFBA

 E8FFD7

 FFFFF3

 1C7B1E

 1C7B1E

■ 107B12

■ 287B2A

■ 037B06

■ 357B36

■ 007B03

■ 417B42

■ 4D7B4E

■ 5A7B5A

■ 667B66

■ 727B72

■ 7E7B7E

■ 8B7B8A

# Harmonies

## Analogous

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



647100



1C7B1E



008054

# Triad

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



1C7B1E



0076CF



C3334E

# Complementary

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



1C7B1E



7B1C79

# 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.



BA3481



1C7B1E



3366CC

# Square

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



1C7B1E



007FB6



924DAF



B3491E

# Rectangle

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



1C7B1E



008177



924DAF



C32F5F



# Sweetspot

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



1C7B1E



7CA17C



797B1C



3B523B



D1D1D1



525252



# Same Dimension

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



1C7B1E



0BA10E



1C7B4D



373D37



007D03



00FC05



# Inverse Universe

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



7B1C79



A10B9E



7B1C4A



3D373D



7D007A

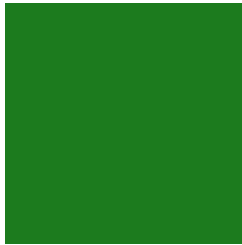


FC00F7



# Previews

## White Background



This preview shows how the Hex color 1C7B1E looks on a white background.

## Color Contrast Check

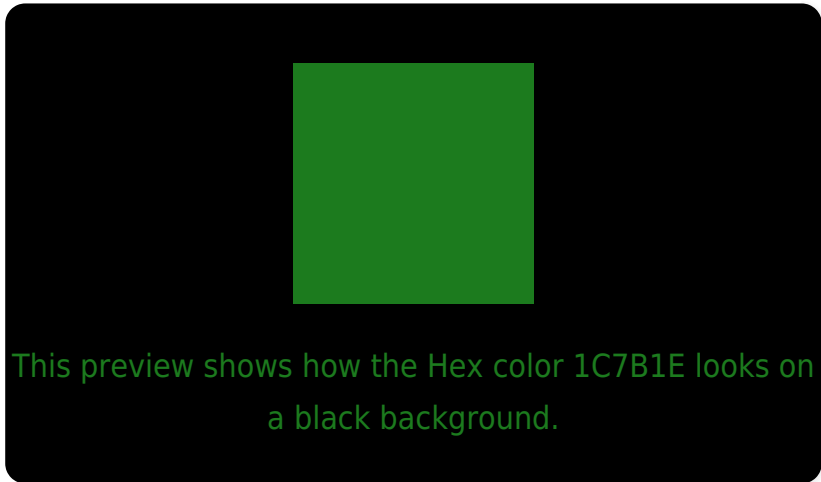
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C7B1E Background



This preview shows how black text looks on a background with the Hex color 1C7B1E.



This preview shows how white text looks on a background with the Hex color 1C7B1E.

# 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**  
1C7B1E

**Protanopia**  
776A1A

**Deuteranopia**  
846527



**Tritanopia**  
39737C

# Trichromacy



**Original Color**  
1C7B1E



**Protanomaly**  
56701B



**Deuteranomaly**  
5E6D24

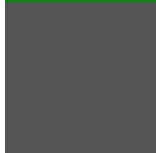


**Tritanomaly**  
2E765A

# Monochromacy



**Original Color**  
1C7B1E



**Achromatopsia**  
545454



**Achromatomaly**  
406240

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C7B1E 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 #1C7B1E looks like.

```
.text, #text, p{  
    color:#1C7B1E  
}
```

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 #1C7B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7B1E
}
```

## Border

The CSS property to change the border of an element to Hex 1C7B1E 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".

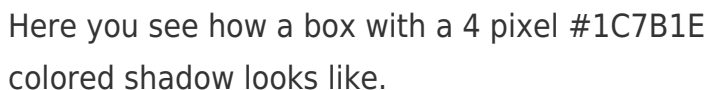
```
.border, #border, table{ border:4px solid
#1C7B1E }
```

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

```
.border{ border-color:#1C7B1E }
```

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

Here you see how a box with a 4 pixel #1C7B1E colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is visible on the right and bottom edges of the box, demonstrating the effect of the CSS box-shadow property.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7B1E; -webkit-box-shadow:4px 4px  
4px 4px #1C7B1E; box-shadow:4px 4px 4px  
4px #1C7B1E }
```

# Background

The CSS property to change the background color of an element to Hex 1C7B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7B1E }
```

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

```
.background{ background-color:#1C7B1E }
```

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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