

# Converting Colors

Hex(1E3B1E)

Have a look what the booklet for  
Hex(1E3B1E) contains.

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# Color

Hex(1E3B1E)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E3B1E
RGB	30, 59, 30
RGB Percent	12%, 23%, 12%
CMY	0.8824, 0.7686, 0.8824
CMYK	0.49, 0.00, 0.49, 0.77
HSL	120°, 33%, 17%
HSV	120°, 49%, 23%
XYZ	2.3337, 3.4977, 1.7804
YIQ	47.0230, -7.9750, -15.1670

# Conversions

## Conversions Part 2

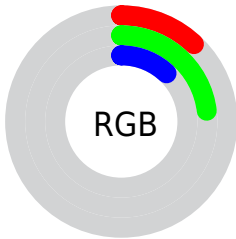
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 59, 59
Decimal	1981214
CIE <sub>Lab</sub>	21.94, -18.19, 14.64
CIE <sub>LCh</sub>	22, 23.354, 141.168
Yxy	3.4977, 0.3066, 0.4595
Android (android.graphics.Color)	4280171294 (0xFF1E3B1E)
YUV	47.0230, -8.3923, -14.9292
Hunter-Lab	18.7021, -10.4547, 7.4471




# Details

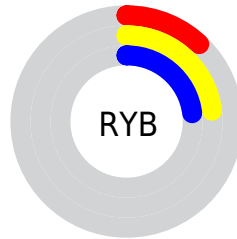
The Hex color **1E3B1E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B1E3B**, and the grayscale version is **2F2F2F**.




A 20% lighter version of the original color is **4C6B4A**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **183B18**, and if you desaturate by 10%, it is **243B24**.

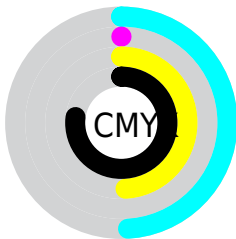
# Distribution







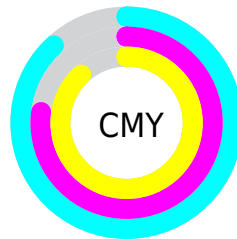
-  Red (12%)
-  Green (23%)
-  Blue (12%)






-  Red (12%)
-  Yellow (23%)
-  Blue (23%)



-  Cyan (49%)
-  Magenta (0%)
-  Yellow (49%)
-  Black (77%)



-  Cyan (88%)
-  Magenta (77%)
-  Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E3B1E 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 1E3B1E by changing the saturation by 10% instead.





1E3B1E



1E3B1E

FFFFFF



092507



4C6B4A



000D00



648462



000000



7E9E7B



98B995



B3D5B0



CFF1CB



EBFFE7



1E3B1E



1E3B1E

■ 183B18

■ 243B24

■ 123B12

■ 2A3B2A

■ 0C3B0C

■ 303B30

■ 063B06

■ 363B36

■ 003B00

■ 3B3B3B

■ 413B41

■ 473B47

■ 4D3B4D

■ 533B53

# Harmonies

## Analogous

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



333713



1E3B1E



003D2F

# Triad

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



1E3B1E



003857



552629

# Complementary

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



1E3B1E



3B1E3B

# 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.



52263A



1E3B1E



2D3255

# Square

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



1E3B1E



003C4F



452B4A



4F2B1A

# Rectangle

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



1E3B1E



003D3B



452B4A



55262F



# Sweetspot

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



1E3B1E



414D41



3B3B1E



1F261F



A6A6A6



262626



# Same Dimension

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



1E3B1E



1F4D1F



1E3B2D



1C1F1C



005E00



00DE00



# Inverse Universe

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



3B1E3B



4D1F4D



3B1E2D



1F1C1F



5E005E

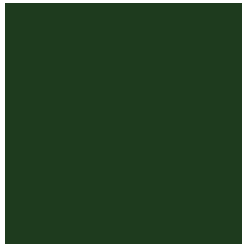


DE00DE



# Previews

## White Background



This preview shows how the Hex color 1E3B1E looks on a white background.

## Color Contrast Check

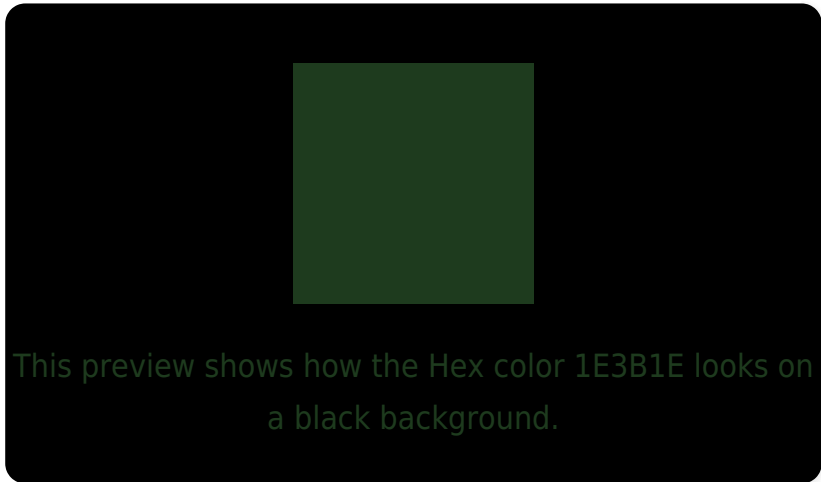
Large Text (above 18pt) WCAG AA ✓ Pass

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

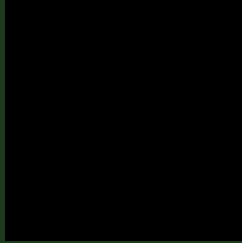
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E3B1E Background



This preview shows how black text looks on a background with the Hex color 1E3B1E.



This preview shows how white text looks on a background with the Hex color 1E3B1E.

# 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**  
1E3B1E

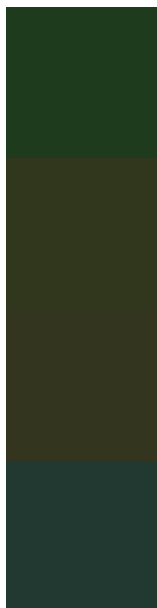
**Protanopia**  
3A351C

**Deuteranopia**  
3F3220



**Tritanopia**  
24383C

# Trichromacy



**Original Color**  
1E3B1E

**Protanomaly**  
30371D

**Deuteranomaly**  
33351F

**Tritanomaly**  
223931

# Monochromacy



**Original Color**  
1E3B1E

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
293329

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E3B1E 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 #1E3B1E looks like.

```
.text, #text, p{  
    color:#1E3B1E  
}
```

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 #1E3B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3B1E
}
```

## Border

The CSS property to change the border of an element to Hex 1E3B1E 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".

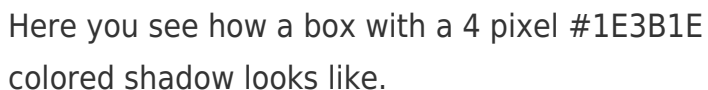
```
.border, #border, table{ border:4px solid
#1E3B1E }
```

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

```
.border{ border-color:#1E3B1E }
```

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

Here you see how a box with a 4 pixel #1E3B1E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3B1E; -webkit-box-shadow:4px 4px  
4px 4px #1E3B1E; box-shadow:4px 4px 4px  
4px #1E3B1E }
```

# Background

The CSS property to change the background color of an element to Hex 1E3B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3B1E }
```

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

```
.background{ background-color:#1E3B1E }
```

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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