

# Converting Colors

Hex(1C3A1E)

Have a look what the booklet for  
Hex(1C3A1E) contains.

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# Color

**Hex(1C3A1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C3A1E
RGB	28, 58, 30
RGB Percent	11%, 23%, 12%
CMY	0.8902, 0.7725, 0.8824
CMYK	0.52, 0.00, 0.48, 0.77
HSL	124°, 35%, 17%
HSV	124°, 52%, 23%
XYZ	2.2263, 3.3667, 1.7608
YIQ	45.8380, -8.8920, -15.0680

# Conversions

## Conversions Part 2

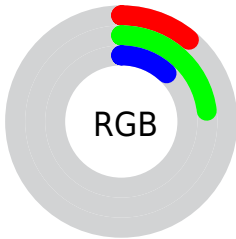
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 56, 58
Decimal	1849886
CIE Lab	21.46, -18.39, 14.00
CIE LCh	21, 23.115, 142.712
Yxy	3.3667, 0.3027, 0.4578
Android (android.graphics.Color)	4280039966 (0xFF1C3A1E)
YUV	45.8380, -7.8081, -15.6439
Hunter-Lab	18.3486, -10.4522, 7.1544

# Details

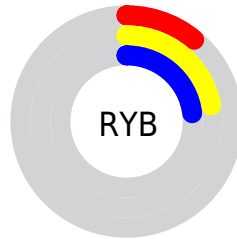
The Hex color **1C3A1E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A1C38**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4A694A**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **163A19**, and if you desaturate by 10%, it is **223A23**.

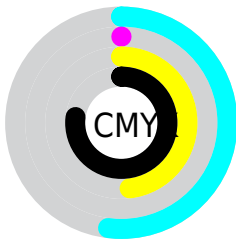
# Distribution



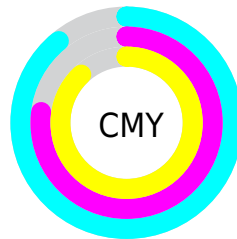
- Red (11%)
- Green (23%)
- Blue (12%)



- Red (11%)
- Yellow (22%)
- Blue (23%)



- Cyan (52%)
- Magenta (0%)
- Yellow (48%)
- Black (77%)



- Cyan (89%)
- Magenta (77%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C3A1E 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 1C3A1E by changing the saturation by 10% instead.





1C3A1E



1C3A1E

FFFFFF



072406



4A694A



000A00



628362



000000



7C9D7B



96B895



B1D4B0



CCF0CB



E9FFE7



1C3A1E



1C3A1E

■ 163A19

■ 223A23

■ 103A13

■ 283A29

■ 0B3A0E

■ 2D3A2E

■ 053A08

■ 333A34

■ 003A04

■ 393A39

■ 3F3A3E

■ 453A44

■ 4A3A49

■ 503A4F

# Harmonies

## Analogous

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



313613



1C3A1E



003C2F

# Triad

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



1C3A1E



033755



532627

# Complementary

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



1C3A1E



3A1C38

# 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.



512538



1C3A1E



2E3153

# Square

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



1C3A1E



003A4E



442A48



4D2B19

# Rectangle

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



1C3A1E



003C3A



442A48



53252D



# Sweetspot

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



1C3A1E



404D41



383A1C



1F261F



A6A6A6



262626



# Same Dimension

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



1C3A1E



1D4D20



1C3A2D



191C19



005C06



00DB0F



# Inverse Universe

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



3A1C38



4D1D49



3A1C29



1C191C



5C0056

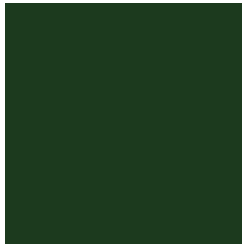


DB00CD



# Previews

## White Background



This preview shows how the Hex color 1C3A1E looks on a white background.

## Color Contrast Check

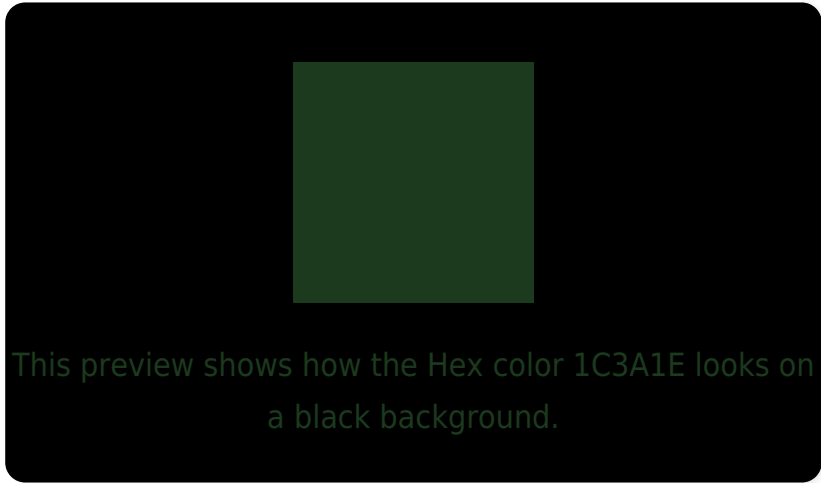
Large Text (above 18pt) WCAG AA ✓ Pass

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

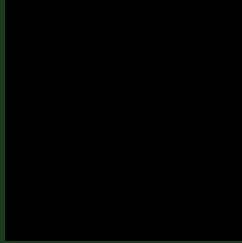
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C3A1E Background



This preview shows how black text looks on a background with the Hex color 1C3A1E.



This preview shows how white text looks on a background with the Hex color 1C3A1E.

# 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**  
1C3A1E

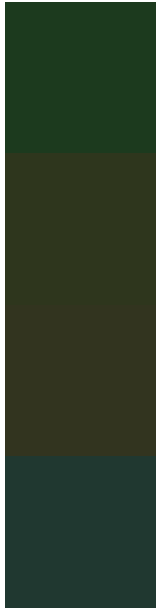
**Protanopia**  
39331C

**Deuteranopia**  
3E3120



**Tritanopia**  
23373B

# Trichromacy



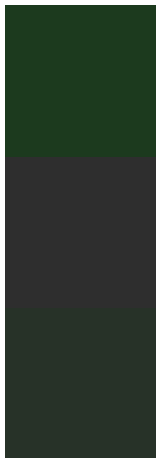
**Original Color**  
1C3A1E

**Protanomaly**  
2E361D

**Deuteranomaly**  
32341F

**Tritanomaly**  
203830

# Monochromacy



**Original Color**  
1C3A1E

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
273228

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C3A1E 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 #1C3A1E looks like.

```
.text, #text, p{  
    color:#1C3A1E  
}
```

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 #1C3A1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3A1E
}
```

## Border

The CSS property to change the border of an element to Hex 1C3A1E 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
#1C3A1E }
```

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

```
.border{ border-color:#1C3A1E }
```

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

Here you see how a box with a 4 pixel #1C3A1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3A1E; -webkit-box-shadow:4px 4px  
4px 4px #1C3A1E; box-shadow:4px 4px 4px  
4px #1C3A1E }
```

# Background

The CSS property to change the background color of an element to Hex 1C3A1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3A1E }
```

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

```
.background{ background-color:#1C3A1E }
```

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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