

Converting Colors

Hex(1B451E)

Have a look what the booklet for
Hex(1B451E) contains.

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Color

Hex(1B451E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1B451E |
| RGB | 27, 69, 30 |
| RGB Percent | 11%, 27%, 12% |
| CMY | 0.8941, 0.7294, 0.8824 |
| CMYK | 0.61, 0.00, 0.57, 0.73 |
| HSL | 124°, 44%, 19% |
| HSV | 124°, 61%, 27% |
| XYZ | 2.8145, 4.5830, 1.9646 |
| YIQ | 51.9960, -12.5130, -21.0330 |

Conversions

Conversions Part 2

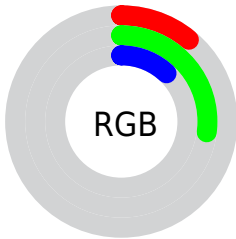
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 27, 66, 69 |
| Decimal | 1787166 |
| CIELab | 25.51, -24.24, 19.12 |
| CIELCh | 26, 30.874, 141.744 |
| Yxy | 4.5830, 0.3006, 0.4895 |
| Android (android.graphics.Color) | 4279977246 (0xFF1B451E) |
| YUV | 51.9960, -10.8440, -21.9215 |
| Hunter-Lab | 21.4079, -13.9968, 9.5446 |




Details

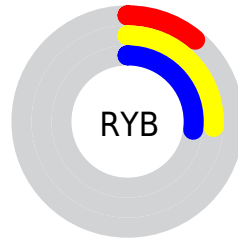
The Hex color **1B451E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **451B42**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **4B764B**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **144518**, and if you desaturate by 10%, it is **224524**.

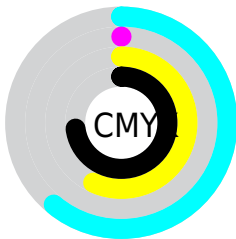
Distribution







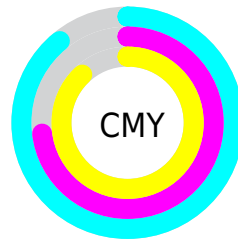
-  Red (11%)
-  Green (27%)
-  Blue (12%)






-  Red (11%)
-  Yellow (26%)
-  Blue (27%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (57%)
-  Black (73%)



-  Cyan (89%)
-  Magenta (73%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B451E 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 1B451E by changing the saturation by 10% instead.



1B451E



1B451E

FFFFFF



022E07



4B764B



001C00



649063



000000



7EAA7C



98C696



B3E2B1



CFFECC



ECFFE9



1B451E



1B451E

■ 144518

■ 224524

■ 0D4511

■ 29452B

■ 06450B

■ 304531

■ 004505

■ 374538

■ 3E453E

■ 444544

■ 4B454B

■ 524551

■ 594558

Harmonies

Analogous

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



38400D



1B451E



004735

Triad

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



1B451E



00416B



67282D

Complementary

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



1B451E



451B42

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.



642744



1B451E



313968

Square

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



1B451E



004661



532F5A



5F3018

Rectangle

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



1B451E



004845



532F5A



672734

Sweetspot

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



1B451E



49594A



42451B



242E25



ADADAD



2E2E2E

Same Dimension

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



1B451E



18591D



1B4533



202420



006307



00E310

Inverse Universe

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



451B42



591855



451B2D



242023



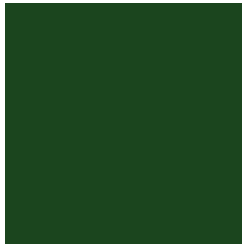
63005C



E300D3

Previews

White Background



This preview shows how the Hex color 1B451E looks on a white background.

Color Contrast Check

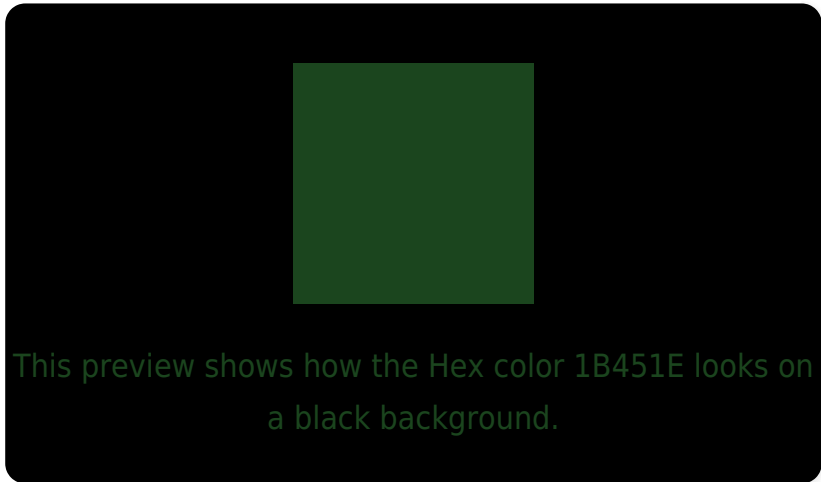
Large Text (above 18pt) WCAG AA ✓ Pass

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

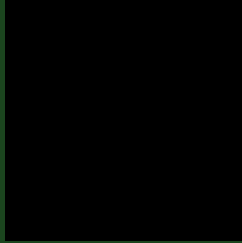
Any Text WCAG AA × Fail

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 1B451E Background



This preview shows how black text looks on a background with the Hex color 1B451E.



This preview shows how white text looks on a background with the Hex color 1B451E.

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](#).

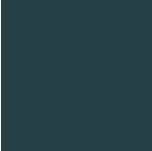
Dichromacy



Original Color
1B451E

Protanopia
433C1B

Deuteranopia
4A3A21



Tritanopia
254146

Trichromacy



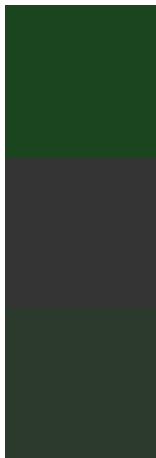
Original Color
1B451E

Protanomaly
343F1C

Deuteranomaly
393E20

Tritanomaly
214237

Monochromacy



Original Color
1B451E

Achromatopsia
343434

Achromatomaly
2B3A2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B451E 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 #1B451E looks like.

```
.text, #text, p{  
    color:#1B451E  
}
```

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 #1B451E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B451E
}
```

Border

The CSS property to change the border of an element to Hex 1B451E 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
#1B451E }
```

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

```
.border{ border-color:#1B451E }
```

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

Here you see how a box with a 4 pixel #1B451E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B451E; -webkit-box-shadow:4px 4px  
4px 4px #1B451E; box-shadow:4px 4px 4px  
4px #1B451E }
```

Background

The CSS property to change the background color of an element to Hex 1B451E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B451E }
```

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

```
.background{ background-color:#1B451E }
```

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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