

Converting Colors

Hex(1B261B)

Have a look what the booklet for
Hex(1B261B) contains.

Hex(1B261B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B261B)

Conversions

Conversions Part 1

Format	Color
Hex	1B261B
RGB	27, 38, 27
RGB Percent	11%, 15%, 11%
CMY	0.8941, 0.8510, 0.8941
CMYK	0.29, 0.00, 0.29, 0.85
HSL	120°, 17%, 13%
HSV	120°, 29%, 15%
XYZ	1.3429, 1.6984, 1.2939
YIQ	33.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

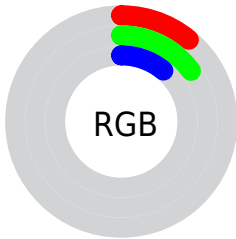
Format	Color
RYB	27, 38, 38
Decimal	1779227
CIELab	13.82, -7.65, 5.77
CIELCh	14, 9.578, 142.967
Yxy	1.6984, 0.3098, 0.3918
Android (android.graphics.Color)	4279969307 (0xFF1B261B)
YUV	33.4570, -3.1833, -5.6628
Hunter-Lab	13.0322, -4.4122, 3.2357

Details

The Hex color **1B261B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **261B26**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **475346**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **172617**, and if you desaturate by 10%, it is **1F261F**.

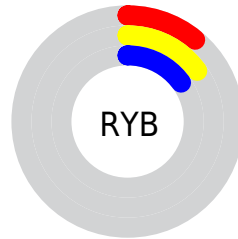
Distribution



Red (11%)

Green (15%)

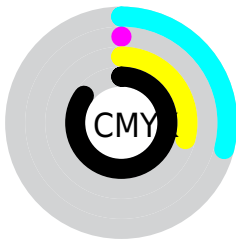
Blue (11%)



Red (11%)

Yellow (15%)

Blue (15%)

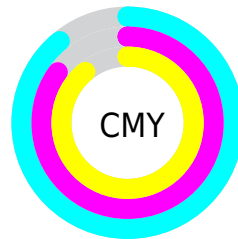


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (85%)



Cyan (89%)

Magenta (85%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B261B 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 1B261B by changing the saturation by 10% instead.

■ 1B261B

■ 1B261B

FFFFFF

■ 011200

■ 475346

■ 000000

■ 5E6B5E

■ 778476

■ 919E90

■ ABB9AB

■ C7D5C6

■ E3F1E2

■ 1B261B

■ 1B261B

■ 172617

■ 1F261F

■ 132613

■ 232623

■ 102610

■ 262626

■ 0C260C

■ 2A262A

■ 082608

■ 2E262E

■ 042604

■ 322632

■ 002600

■ 362636

■ 392639

■ 3D263D

Harmonies

Analogous

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



232417



1B261B



142721

Triad

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



1B261B



192430



311F1E

Complementary

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



1B261B



261B26

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.



2F1E25



1B261B



22222F

Square

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



1B261B



11262E



2A202B



2F2019

Rectangle

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



1B261B



102726



2A202B



311E21

Sweetspot

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



1B261B



2C302C



26261B



171A17



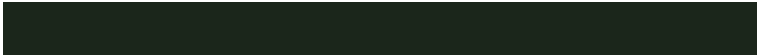
999999



1A1A1A

Same Dimension

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



1B261B



1F301F



1B2621



101210



005200



00D100

Inverse Universe

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



261B26



301F30



261B21



121012



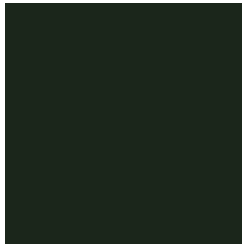
520052



D100D1

Previews

White Background



This preview shows how the Hex color 1B261B looks on a white background.

Color Contrast Check

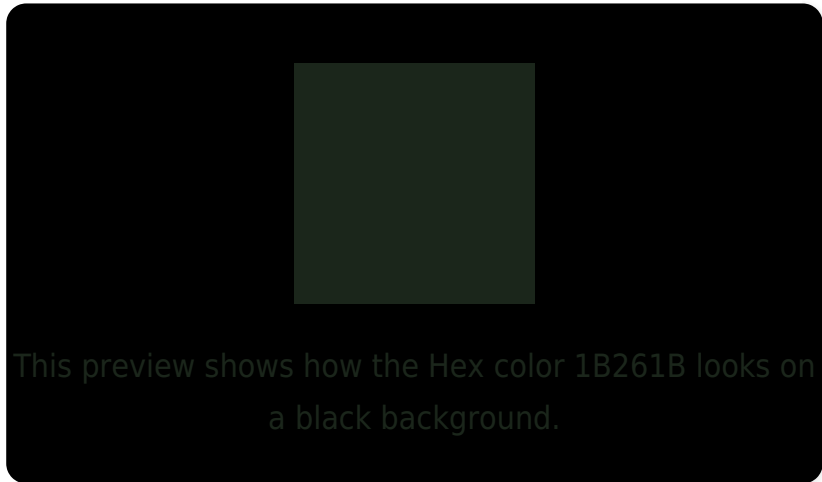
Large Text (above 18pt) WCAG AA ✓ Pass

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

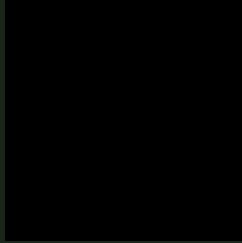
Any Text WCAG AA × Fail

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 1B261B Background



This preview shows how black text looks on a background with the Hex color 1B261B.



This preview shows how white text looks on a background with the Hex color 1B261B.

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
1B261B

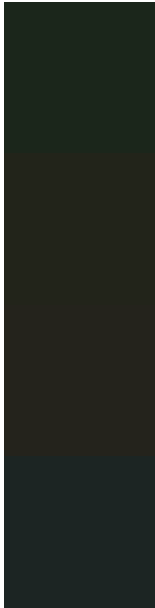
Protanopia
26231A

Deuteranopia
29221C



Tritanopia
1D2427

Trichromacy



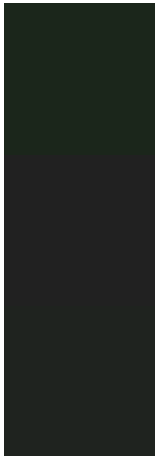
Original Color
1B261B

Protanomaly
22241A

Deuteranomaly
24231C

Tritanomaly
1C2523

Monochromacy



Original Color
1B261B

Achromatopsia
212121

Achromatomaly
1F231F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B261B 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 #1B261B looks like.

```
.text, #text, p{  
    color:#1B261B  
}
```

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 #1B261B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B261B
}
```

Border

The CSS property to change the border of an element to Hex 1B261B is called "border". The border property can be set on classes, ids or directly on the HTML element.

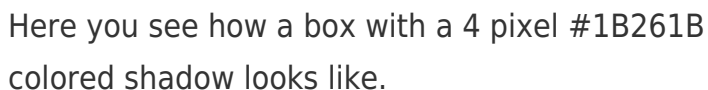
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B261B }
```

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

```
.border{ border-color:#1B261B }
```

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



Here you see how a box with a 4 pixel #1B261B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B261B; -webkit-box-shadow:4px 4px  
4px 4px #1B261B; box-shadow:4px 4px 4px  
4px #1B261B }
```

Background

The CSS property to change the background color of an element to Hex 1B261B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B261B }
```

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

```
.background{ background-color:#1B261B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor