

Converting Colors

Hex(1C231A)

Have a look what the booklet for
Hex(1C231A) contains.

Hex(1C231A)	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(1C231A)

Conversions

Conversions Part 1

Format	Color
Hex	1C231A
RGB	28, 35, 26
RGB Percent	11%, 14%, 10%
CMY	0.8902, 0.8627, 0.8980
CMYK	0.20, 0.00, 0.26, 0.86
HSL	107°, 15%, 12%
HSV	107°, 26%, 14%
XYZ	1.2664, 1.5235, 1.2046
YIQ	31.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

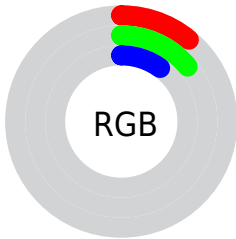
Format	Color
RYB	26, 35, 33
Decimal	1843994
CIELab	12.76, -5.42, 5.02
CIElCh	13, 7.383, 137.203
Yxy	1.5235, 0.3170, 0.3814
Android (android.graphics.Color)	4280034074 (0xFF1C231A)
YUV	31.8810, -2.8993, -3.4036
Hunter-Lab	12.3431, -3.2867, 2.8539

Details

The Hex color **1C231A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **211A23**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **474F45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **192317**, and if you desaturate by 10%, it is **1F231D**.

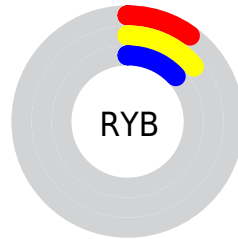
Distribution



Red (11%)

Green (14%)

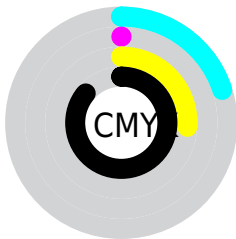
Blue (10%)



Red (10%)

Yellow (14%)

Blue (13%)

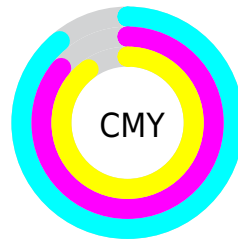


Cyan (20%)

Magenta (0%)

Yellow (26%)

Black (86%)



Cyan (89%)

Magenta (86%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C231A 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 1C231A by changing the saturation by 10% instead.

■ 1C231A

■ 1C231A

FFFFFFD

■ 010D00

■ 474F45

■ 000000

■ 5F675D

■ 788075

■ 929A8F

■ ACB5A9

■ C7D1C4

■ E4EDE0

■ 1C231A

■ 1C231A

■ 192317

■ 1F231D

■ 172313

■ 212321

■ 14230F

■ 242325

■ 11230C

■ 272328

■ 0E2308

■ 2A232C

■ 0C2305

■ 2C232F

■ 092301

■ 2F2333

■ 082300

■ 322336

■ 35233A

Harmonies

Analogous

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



222217



1C231A



17241F

Triad

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



1C231A



18222B



2C1D1E

Complementary

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



1C231A



211A23

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.



2A1E23



1C231A



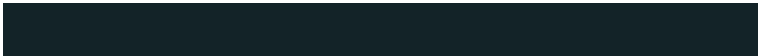
1F202B

Square

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



1C231A



132328



251F28



2A1E1A

Rectangle

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



1C231A



142422



251F28



2B1D20

Sweetspot

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



1C231A



2B2E2A



23211A



151715



969696



171717

Same Dimension

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



1C231A



232E20



1A231C



101210



125200



2ED100

Inverse Universe

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



211A23



2B202E



231A21



111012



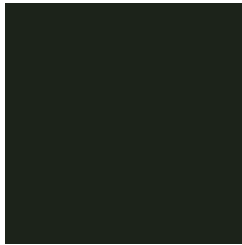
3F0052



A300D1

Previews

White Background



This preview shows how the Hex color 1C231A looks on a white background.

Color Contrast Check

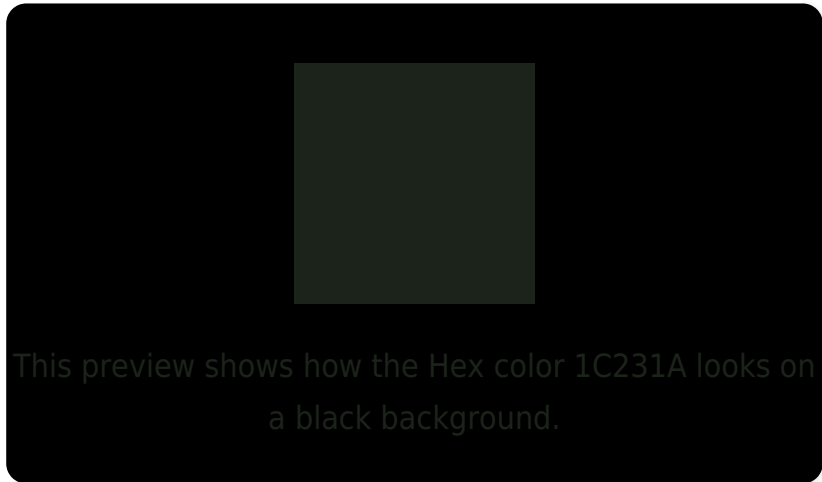
Large Text (above 18pt) WCAG AA ✓ Pass

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

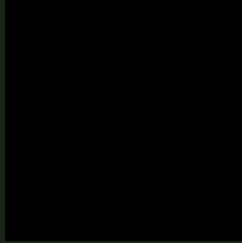
Any Text WCAG AA × Fail

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 1C231A Background



This preview shows how black text looks on a background with the Hex color 1C231A.

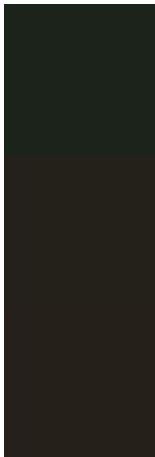


This preview shows how white text looks on a background with the Hex color 1C231A.

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
1C231A

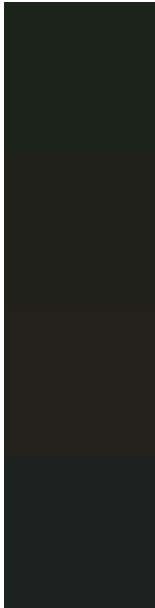
Protanopia
232119

Deuteranopia
26201B



Tritanopia
1E2224

Trichromacy



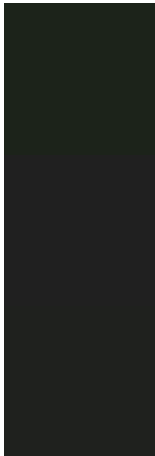
Original Color
1C231A

Protanomaly
202219

Deuteranomaly
22211B

Tritanomaly
1D2220

Monochromacy



Original Color
1C231A

Achromatopsia
202020

Achromatomaly
1F211E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C231A 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 #1C231A looks like.

```
.text, #text, p{  
    color:#1C231A  
}
```

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 #1C231A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C231A
}
```

Border

The CSS property to change the border of an element to Hex 1C231A 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
#1C231A }
```

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

```
.border{ border-color:#1C231A }
```

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

Here you see how a box with a 4 pixel #1C231A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C231A; -webkit-box-shadow:4px 4px  
4px 4px #1C231A; box-shadow:4px 4px 4px  
4px #1C231A }
```

Background

The CSS property to change the background color of an element to Hex 1C231A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C231A }
```

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

```
.background{ background-color:#1C231A }
```

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