

Converting Colors

Hex(1C231F)

Have a look what the booklet for
Hex(1C231F) contains.

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Color

Hex(1C231F)

Conversions

Conversions Part 1

Format	Color
Hex	1C231F
RGB	28, 35, 31
RGB Percent	11%, 14%, 12%
CMY	0.8902, 0.8627, 0.8784
CMYK	0.20, 0.00, 0.11, 0.86
HSL	146°, 11%, 12%
HSV	146°, 20%, 14%
XYZ	1.3272, 1.5479, 1.5251
YIQ	32.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

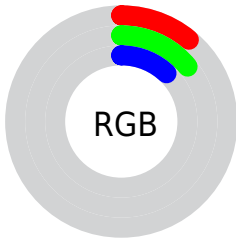
Format	Color
RYB	28, 33, 35
Decimal	1843999
CIELab	12.91, -4.20, 1.63
CIELCh	13, 4.510, 158.782
Yxy	1.5479, 0.3016, 0.3518
Android (android.graphics.Color)	4280034079 (0xFF1C231F)
YUV	32.4510, -0.7153, -3.9035
Hunter-Lab	12.4413, -2.7299, 1.4408

Details

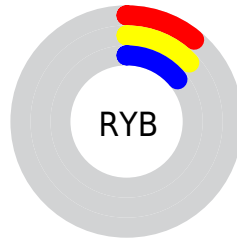
The Hex color **1C231F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **231C20**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **474F4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **19231D**, and if you desaturate by 10%, it is **202321**.

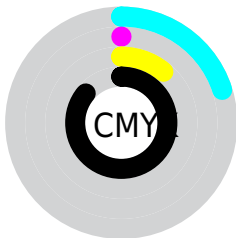
Distribution



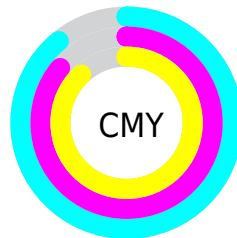
- Red (11%)
- Green (14%)
- Blue (12%)



- Red (11%)
- Yellow (13%)
- Blue (14%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (86%)



- Cyan (89%)
- Magenta (86%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C231F 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 1C231F by changing the saturation by 10% instead.

■ 1C231F

■ 1C231F

FFFFFF

■ 020D06

■ 474F4B

■ 000000

■ 5F6763

■ 78807B

■ 929A95

■ ACB5B0

■ C7D1CB

■ E3EDE7

■ 1C231F

■ 1C231F

■ 19231D

■ 202321

■ 15231B

■ 232323

■ 112319

■ 272325

■ 0E2317

■ 2A2327

■ 0A2315

■ 2E2329

■ 072313

■ 31232B

■ 032311

■ 35232D

■ 00230F

■ 38232F

■ 3B2331

Harmonies

Analogous

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



1F221C



1C231F



1A2322

Triad

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



1C231F



1F2127



28201E

Complementary

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



1C231F



231C20

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.



281F21



1C231F



232026

Square

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



1C231F



1C2227



261F24



26201C

Rectangle

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



1C231F



192324



261F24



281F1E

Sweetspot

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



1C231F



2B2E2C



20231C



151716



969696



171717

Same Dimension

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



1C231F



232E28



1C2322



101211



005223



00D15A

Inverse Universe

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



231C20



2E2329



231C1D



121011



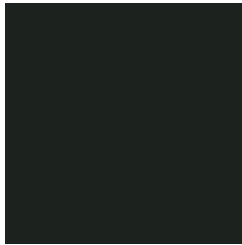
52002F



D10077

Previews

White Background



This preview shows how the Hex color 1C231F looks on a white background.

Color Contrast Check

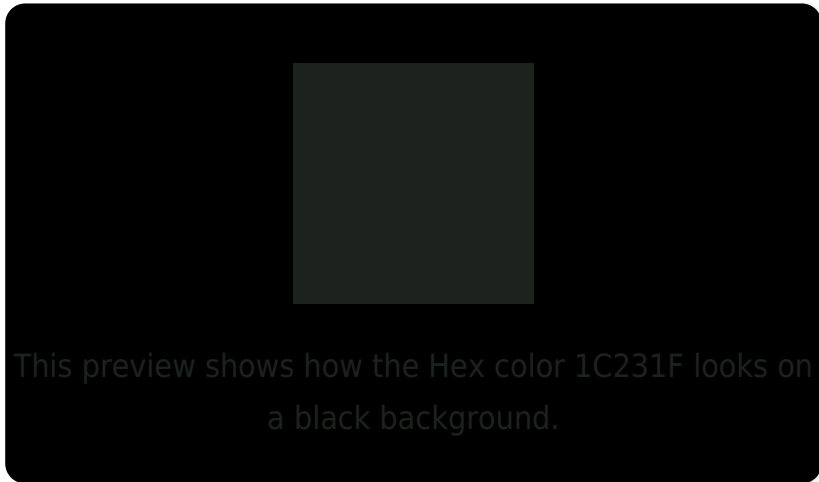
Large Text (above 18pt) WCAG AA ✓ Pass

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

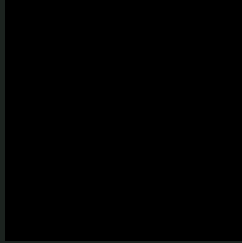
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

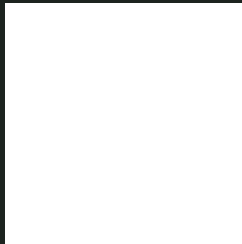
Any Text WCAG AAA × Fail

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

Hex 1C231F Background



This preview shows how black text looks on a background with the Hex color 1C231F.



This preview shows how white text looks on a background with the Hex color 1C231F.

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
1C231F

Protanopia
23211E

Deuteranopia
252020



Tritanopia
1D2225

Trichromacy



Original Color

1C231F

Protanomaly

20221E

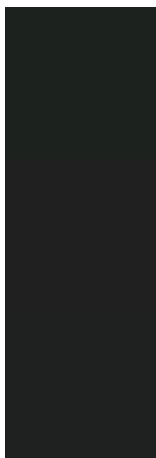
Deuteranomaly

222120

Tritanomaly

1D2223

Monochromacy



Original Color

1C231F

Achromatopsia

202020

Achromatomaly

1F2120

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C231F 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 #1C231F looks like.

```
.text, #text, p{  
    color:#1C231F  
}
```

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 #1C231F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C231F
}
```

Border

The CSS property to change the border of an element to Hex 1C231F 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
#1C231F }
```

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

```
.border{ border-color:#1C231F }
```

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

Here you see how a box with a 4 pixel #1C231F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C231F; -webkit-box-shadow:4px 4px  
4px 4px #1C231F; box-shadow:4px 4px 4px  
4px #1C231F }
```

Background

The CSS property to change the background color of an element to Hex 1C231F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C231F }
```

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

```
.background{ background-color:#1C231F }
```

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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