

Converting Colors

Hex(231A2C)

Have a look what the booklet for
Hex(231A2C) contains.

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Color

Hex(231A2C)

Conversions

Conversions Part 1

Format	Color
Hex	231A2C
RGB	35, 26, 44
RGB Percent	14%, 10%, 17%
CMY	0.8627, 0.8980, 0.8275
CMYK	0.20, 0.41, 0.00, 0.83
HSL	270°, 26%, 14%
HSV	270°, 41%, 17%
XYZ	1.5172, 1.2780, 2.5496
YIQ	30.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

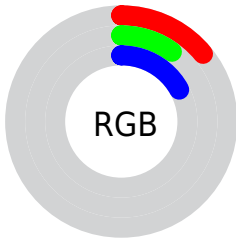
Format	Color
RYB	35, 26, 44
Decimal	2300460
CIELab	11.12, 8.99, -10.46
CIElCh	11, 13.794, 310.694
Yxy	1.2780, 0.2839, 0.2391
Android (android.graphics.Color)	4280490540 (0xFF231A2C)
YUV	30.7430, 6.5357, 3.7334
Hunter-Lab	11.3047, 4.1725, -5.4585

Details

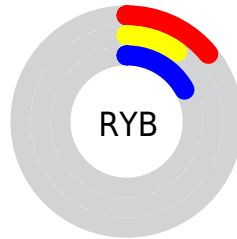
The Hex color **231A2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **232C1A**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **50455A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21162C**, and if you desaturate by 10%, it is **251E2C**.

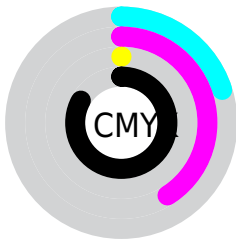
Distribution



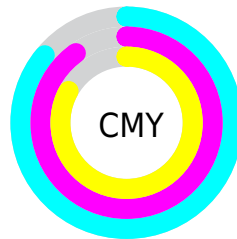
- Red (14%)
- Green (10%)
- Blue (17%)



- Red (14%)
- Yellow (10%)
- Blue (17%)



- Cyan (20%)
- Magenta (41%)
- Yellow (0%)
- Black (83%)



- Cyan (86%)
- Magenta (90%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 231A2C 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 231A2C by changing the saturation by 10% instead.

■ 231A2C

■ 231A2C

■ FFFDFF

■ 0F0018

■ 50455A

■ 000000

■ 685D72

■ 81758C

■ 9B8FA6

■ B6A9C1

■ D2C5DD

■ EEE1FA

■ 231A2C

■ 231A2C

■ 21162C

■ 251E2C

■ 1F112C

■ 27232C

■ 1C0D2C

■ 2A272C

■ 1A082C

■ 2C2C2C

■ 18042C

■ 2E302C

■ 16002C

■ 30342C

■ 32392C

■ 353D2C

■ 37422C

Harmonies

Analogous

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



151E30



231A2C



2C1724

Triad

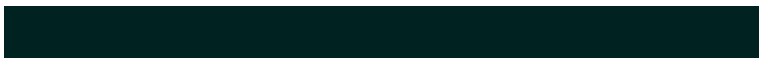
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231A2C



291B09



002321

Complementary

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



231A2C



232C1A

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.



092217



231A2C



211E07

Square

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



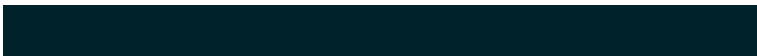
231A2C



2E1811



16210E



00222A

Rectangle

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



231A2C



2F161E



16210E



01231E

Sweetspot

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



231A2C



353138



1A232C



1A181C



9C9C9C



1C1C1C

Same Dimension

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



231A2C



2A1D38



2C1A2C



161517



2B0057



6B00D6

Inverse Universe

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



2C1A23



381D2A



1A2C1A



171516



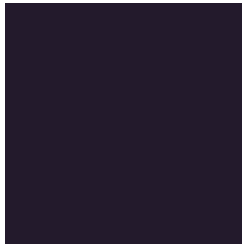
57002B



D6006B

Previews

White Background



This preview shows how the Hex color 231A2C looks on a white background.

Color Contrast Check

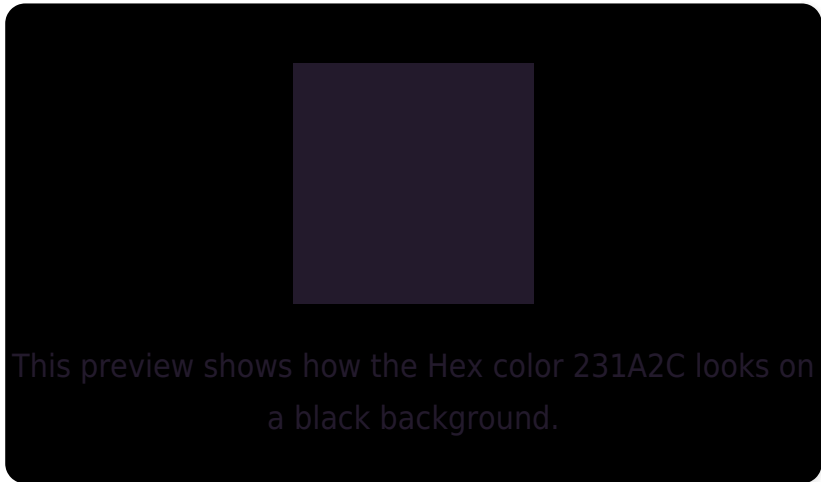
Large Text (above 18pt) WCAG AA ✓ Pass

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

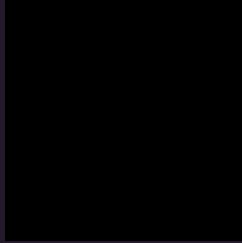
Any Text WCAG AA × Fail

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 231A2C Background



This preview shows how black text looks on a background with the Hex color 231A2C.



This preview shows how white text looks on a background with the Hex color 231A2C.

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
231A2C

Protanopia
171D2F

Deuteranopia
191E2B



Tritanopia
211D1F

Trichromacy



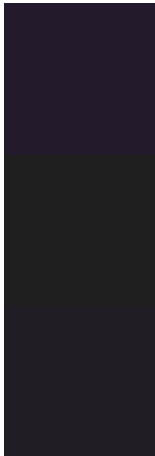
Original Color
231A2C

Protanomaly
1B1C2E

Deuteranomaly
1D1D2B

Tritanomaly
221C24

Monochromacy



Original Color
231A2C

Achromatopsia
1F1F1F

Achromatomaly
201D24

CSS Examples

Text

The CSS property to change the color of the text to Hex 231A2C 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 #231A2C looks like.

```
.text, #text, p{  
    color:#231A2C  
}
```

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 #231A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231A2C }  
}
```

Border

The CSS property to change the border of an element to Hex 231A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

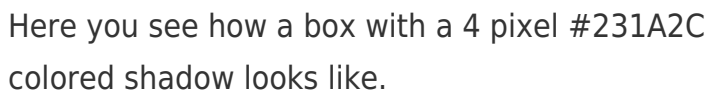
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #231A2C }  
}
```

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

```
.border{ border-color:#231A2C }
```

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



Here you see how a box with a 4 pixel #231A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231A2C; -webkit-box-shadow:4px 4px  
4px 4px #231A2C; box-shadow:4px 4px 4px  
4px #231A2C }
```

Background

The CSS property to change the background color of an element to Hex 231A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231A2C }
```

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

```
.background{ background-color:#231A2C }
```

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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