

Converting Colors

Hex(231C2A)

Have a look what the booklet for
Hex(231C2A) contains.

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Color

Hex(231C2A)

Conversions

Conversions Part 1

Format	Color
Hex	231C2A
RGB	35, 28, 42
RGB Percent	14%, 11%, 16%
CMY	0.8627, 0.8902, 0.8353
CMYK	0.17, 0.33, 0.00, 0.84
HSL	270°, 20%, 14%
HSV	270°, 33%, 16%
XYZ	1.5263, 1.3550, 2.3716
YIQ	31.6890, -0.3220, 5.8380

Conversions

Conversions Part 2

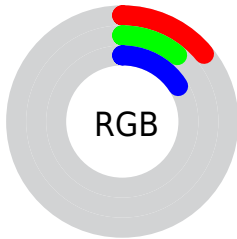
Format	Color
RYB	35, 28, 42
Decimal	2300970
CIELab	11.65, 6.94, -8.17
CIElCh	12, 10.725, 310.348
Yxy	1.3550, 0.2906, 0.2580
Android (android.graphics.Color)	4280491050 (0xFF231C2A)
YUV	31.6890, 5.0833, 2.9037
Hunter-Lab	11.6404, 3.0343, -3.9312

Details

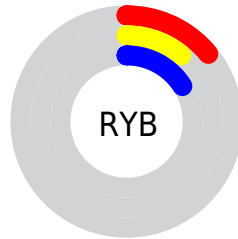
The Hex color **231C2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **232A1C**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **504757**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21182A**, and if you desaturate by 10%, it is **25202A**.

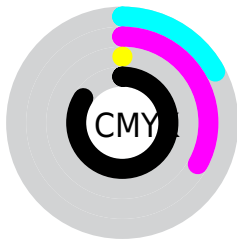
Distribution



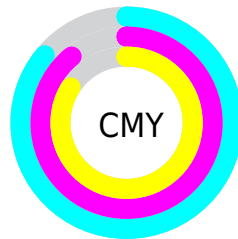
- Red (14%)
- Green (11%)
- Blue (16%)



- Red (14%)
- Yellow (11%)
- Blue (16%)



- Cyan (17%)
- Magenta (33%)
- Yellow (0%)
- Black (84%)



- Cyan (86%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 231C2A 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 231C2A by changing the saturation by 10% instead.

■ 231C2A

■ 231C2A

FFFFFF

■ 0E0116

■ 504757

■ 000000

■ 685F70

■ 817889

■ 9B91A3

■ B6ACBE

■ D1C7DA

■ EEE3F7

■ 231C2A

■ 231C2A

■ 21182A

■ 25202A

■ 1F142A

■ 27242A

■ 1D0F2A

■ 29292A

■ 1B0B2A

■ 2B2D2A

■ 18072A

■ 2D312A

■ 16032A

■ 30352A

■ 15002A

■ 32392A

■ 343E2A

■ 36422A

Harmonies

Analogous

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



191F2D



231C2A



2A1A24

Triad

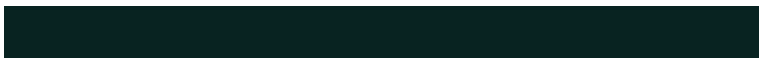
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231C2A



281D11



082321

Complementary

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



231C2A



232A1C

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.



10221A



231C2A



211F0F

Square

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



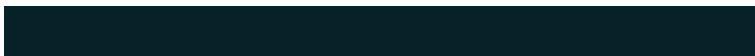
231C2A



2C1A16



192113



062228

Rectangle

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



231C2A



2D191F



192113



0B231F

Sweetspot

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



231C2A



333036



1C232A



1A191C



9C9C9C



1C1C1C

Same Dimension

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



231C2A



2B2036



2A1C2A



131214



2A0054



6A00D4

Inverse Universe

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



2A1C23



36202B



1C2A1C



141213



54002A



D4006A

Previews

White Background



This preview shows how the Hex color 231C2A looks on a white background.

Color Contrast Check

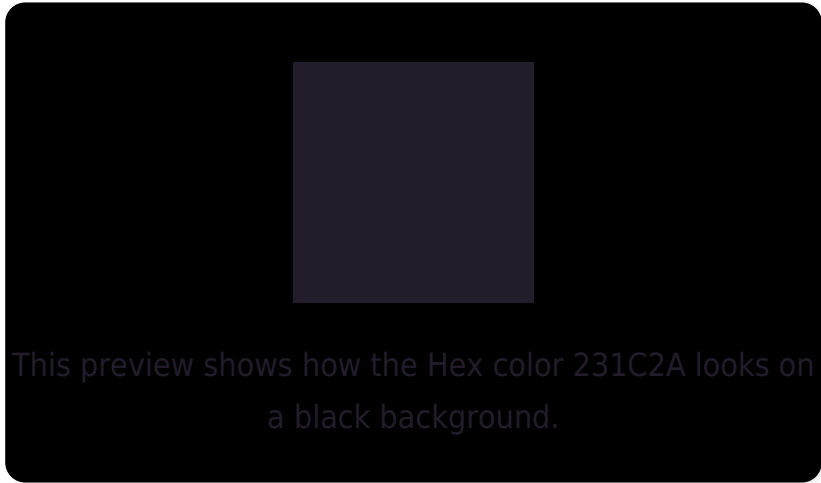
Large Text (above 18pt) WCAG AA ✓ Pass

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

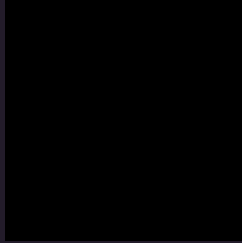
Any Text WCAG AA × Fail

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 231C2A Background



This preview shows how black text looks on a background with the Hex color 231C2A.



This preview shows how white text looks on a background with the Hex color 231C2A.

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
231C2A

Protanopia
1B1E2C

Deuteranopia
1C1E2A

Trichromacy



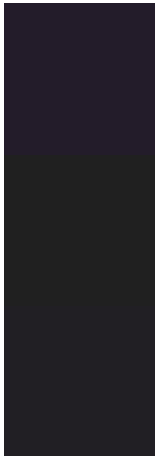
Original Color
231C2A

Protanomaly
1E1D2B

Deuteranomaly
1F1D2A

Tritanomaly
221D24

Monochromacy



Original Color
231C2A

Achromatopsia
202020

Achromatomaly
211F24

CSS Examples

Text

The CSS property to change the color of the text to Hex 231C2A 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 #231C2A looks like.

```
.text, #text, p{  
    color:#231C2A  
}
```

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 #231C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231C2A
}
```

Border

The CSS property to change the border of an element to Hex 231C2A 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
#231C2A }
```

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

```
.border{ border-color:#231C2A }
```

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

Here you see how a box with a 4 pixel #231C2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231C2A; -webkit-box-shadow:4px 4px  
4px 4px #231C2A; box-shadow:4px 4px 4px  
4px #231C2A }
```

Background

The CSS property to change the background color of an element to Hex 231C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231C2A }
```

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

```
.background{ background-color:#231C2A }
```

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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