

Converting Colors

Hex(231900)

Have a look what the booklet for
Hex(231900) contains.

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Color

Hex(231900)

Conversions

Conversions Part 1

Format	Color
Hex	231900
RGB	35, 25, 0
RGB Percent	14%, 10%, 0%
CMY	0.8627, 0.9020, 1.0000
CMYK	0.00, 0.29, 1.00, 0.86
HSL	43°, 100%, 7%
HSV	43°, 100%, 14%
XYZ	1.0408, 1.0526, 0.1483
YIQ	25.1400, 13.9850, -5.6550

Conversions

Conversions Part 2

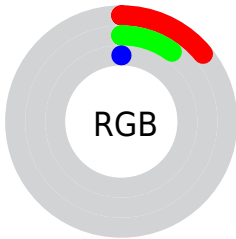
Format	Color
R_{YB}	14, 35, 0
Decimal	2300160
CIE Lab	9.42, 1.45, 14.12
CIE LCh	9, 14.198, 84.128
Yxy	1.0526, 0.4643, 0.4696
Android (android.graphics.Color)	4280490240 (0xFF231900)
YUV	25.1400, -12.3940, 8.6472
Hunter-Lab	10.2596, 0.1534, 6.3246

Details

The Hex color **231900** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000A23**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4F4430**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **231900**, and if you desaturate by 10%, it is **231A03**.

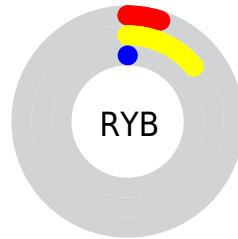
Distribution



Red (14%)

Green (10%)

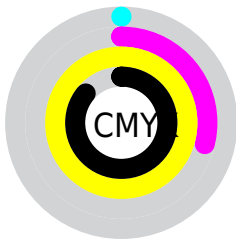
Blue (0%)



Red (5%)

Yellow (14%)

Blue (0%)

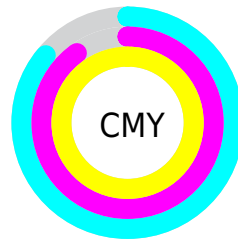


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (86%)



Cyan (86%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 231900 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 231900 by changing the saturation by 10% instead.

 231900


 231900

 FFFBE2

 000000

 4F4430

 685B46

 81745E

 9B8D76

 B6A890

 D2C3AB

 EFD6C6

 231900

■ 231A03

■ 231B07

■ 231C0B

■ 231D0E

■ 231E12

■ 231F15

■ 232019

■ 23211C

■ 232220

Harmonies

Analogous

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



291607



231900



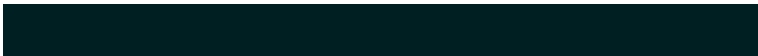
1A1C02

Triad

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



231900



001F22



241526

Complementary

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



231900



000A23

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.



18192C



231900



001E2A

Square

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



231900



001F18



061C2D



2B131D

Rectangle

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



231900



121E09



061C2D



211628

Sweetspot

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



231900



2E2A20



23000B



17150F



969696



171717

Same Dimension

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



231900



2E2100



1C2300



121110



523A00



D19500

Inverse Universe

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



000A23



000D2E



070023



101112



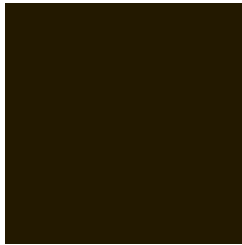
001752



003CD1

Previews

White Background



This preview shows how the Hex color 231900 looks on a white background.

Color Contrast Check

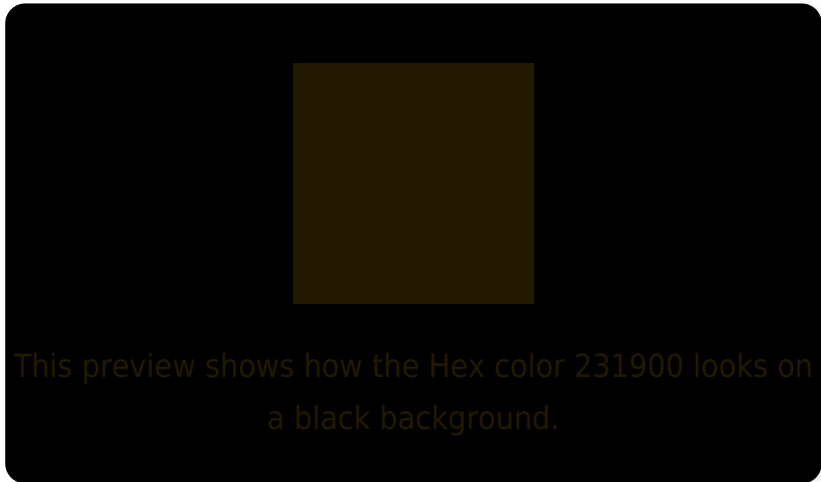
Large Text (above 18pt) WCAG AA ✓ Pass

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

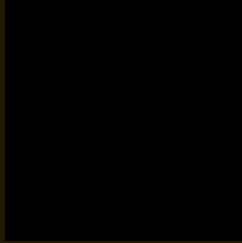
Any Text WCAG AA × Fail

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 231900 Background



This preview shows how black text looks on a background with the Hex color 231900.

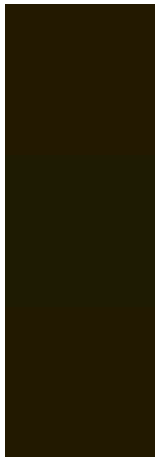


This preview shows how white text looks on a background with the Hex color 231900.

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
231900

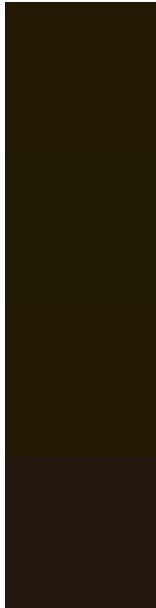
Protanopia
1E1B02

Deuteranopia
221900



Tritanopia
241719

Trichromacy



Original Color
231900

Protanomaly
201A01

Deuteranomaly
221900

Tritanomaly
241810

Monochromacy



Original Color
231900

Achromatopsia
191919

Achromatomaly
1D1910

CSS Examples

Text

The CSS property to change the color of the text to Hex 231900 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 #231900 looks like.

```
.text, #text, p{  
    color:#231900  
}
```

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 #231900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231900
}
```

Border

The CSS property to change the border of an element to Hex 231900 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
#231900 }
```

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

```
.border{ border-color:#231900 }
```

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

Here you see how a box with a 4 pixel #231900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231900; -webkit-box-shadow:4px 4px  
4px 4px #231900; box-shadow:4px 4px 4px  
4px #231900 }
```

Background

The CSS property to change the background color of an element to Hex 231900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231900 }
```

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

```
.background{ background-color:#231900 }
```

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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