

Converting Colors

Hex(251900)

Have a look what the booklet for
Hex(251900) contains.

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Color

Hex(251900)

Conversions

Conversions Part 1

Format	Color
Hex	251900
RGB	37, 25, 0
RGB Percent	15%, 10%, 0%
CMY	0.8549, 0.9020, 1.0000
CMYK	0.00, 0.32, 1.00, 0.85
HSL	41°, 100%, 7%
HSV	41°, 100%, 15%
XYZ	1.1106, 1.0886, 0.1516
YIQ	25.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

Format	Color
R_YB	18, 37, 0
Decimal	2431232
CIE Lab	9.71, 2.65, 14.57
CIE LCh	10, 14.809, 79.705
Yxy	1.0886, 0.4724, 0.4631
Android (android.graphics.Color)	4280621312 (0xFF251900)
YUV	25.7380, -12.6888, 9.8768
Hunter-Lab	10.4335, 0.7416, 6.4420

Details

The Hex color **251900** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000C25**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **524430**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251900**, and if you desaturate by 10%, it is **251A04**.

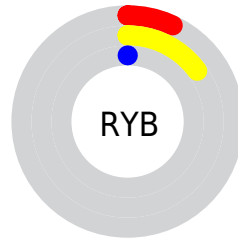
Distribution



Red (15%)

Green (10%)

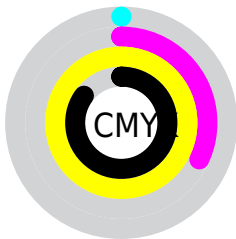
Blue (0%)



Red (7%)

Yellow (15%)

Blue (0%)

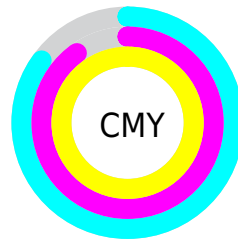


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (85%)



Cyan (85%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251900 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 251900 by changing the saturation by 10% instead.

 251900

 251900

 FFFBE2

 040000

 524430

 000000

 6B5B46

 84745E

 9E8D76

 BAA890

 D6C3AB

 F2DFC6

 251900

■ 251A04

■ 251B07

■ 251D0B

■ 251E0F

■ 251F13

■ 252016

■ 25211A

■ 25231E

■ 252421

Harmonies

Analogous

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



2B1508



251900



1C1C01

Triad

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



251900



002021



241628

Complementary

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



251900



000C25

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.



161A2E



251900



001F2A

Square

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



251900



002017



021D2E



2C131F

Rectangle

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



251900



141E07



021D2E



20172A

Sweetspot

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



251900



302C22



25000C



1A1710



999999



1A1A1A

Same Dimension

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



251900



302100



1F2500



121110



523700



D18D00

Inverse Universe

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



000C25



001030



060025



101112



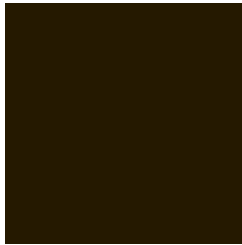
001A52



0044D1

Previews

White Background



This preview shows how the Hex color 251900 looks on a white background.

Color Contrast Check

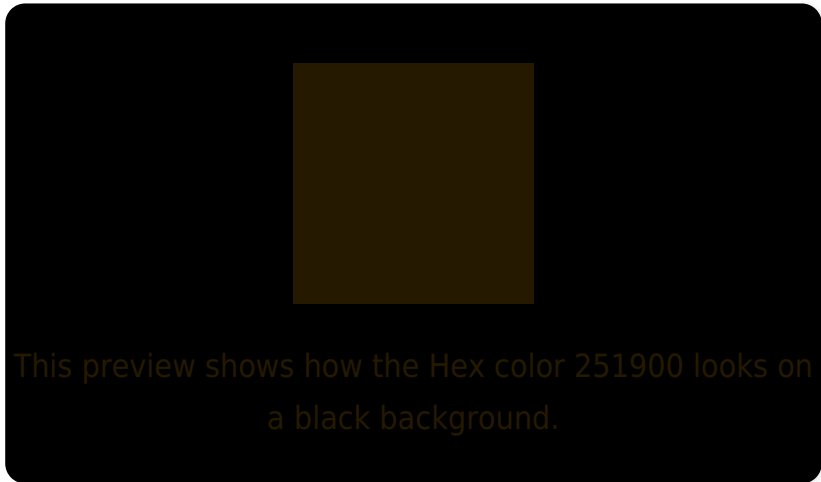
Large Text (above 18pt) WCAG AA ✓ Pass

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

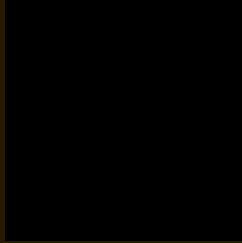
Any Text WCAG AA × Fail

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 251900 Background



This preview shows how black text looks on a background with the Hex color 251900.

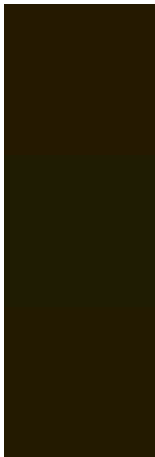


This preview shows how white text looks on a background with the Hex color 251900.

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
251900

Protanopia
1F1C02

Deuteranopia
231A00



Tritanopia
261719

Trichromacy



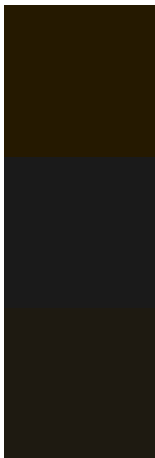
Original Color
251900

Protanomaly
211B01

Deuteranomaly
241A00

Tritanomaly
261810

Monochromacy



Original Color
251900

Achromatopsia
1A1A1A

Achromatomaly
1E1A11

CSS Examples

Text

The CSS property to change the color of the text to Hex 251900 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 #251900 looks like.

```
.text, #text, p{  
    color:#251900  
}
```

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 #251900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251900
}
```

Border

The CSS property to change the border of an element to Hex 251900 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".

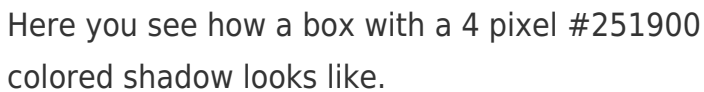
```
.border, #border, table{ border:4px solid
#251900 }
```

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

```
.border{ border-color:#251900 }
```

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

Here you see how a box with a 4 pixel #251900 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251900; -webkit-box-shadow:4px 4px  
4px 4px #251900; box-shadow:4px 4px 4px  
4px #251900 }
```

Background

The CSS property to change the background color of an element to Hex 251900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251900 }
```

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

```
.background{ background-color:#251900 }
```

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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