

Converting Colors

Hex(251A09)

Have a look what the booklet for
Hex(251A09) contains.

| | |
|--|----|
| Hex(251A09) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(251A09)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 251A09 |
| RGB | 37, 26, 9 |
| RGB Percent | 15%, 10%, 4% |
| CMY | 0.8549, 0.8980, 0.9647 |
| CMYK | 0.00, 0.30, 0.76, 0.85 |
| HSL | 36°, 61%, 9% |
| HSV | 36°, 76%, 15% |
| XYZ | 1.1817, 1.1518, 0.4185 |
| YIQ | 27.3510, 12.0130, -2.9550 |

Conversions

Conversions Part 2

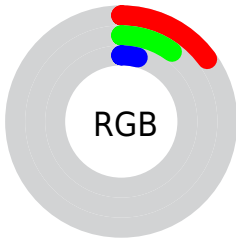
| Format | Color |
|-------------------------------------|--|
| RYB | 27, 37, 9 |
| Decimal | 2431497 |
| CIELab | 10.20, 2.91, 11.60 |
| CIElCh | 10, 11.955, 75.907 |
| Yxy | 1.1518, 0.4294, 0.4185 |
| Android (android.graphics.Color) | 4280621577 (0xFF251A09) |
| YUV | 27.3510, -9.0470, 8.4622 |
| Hunter-Lab | 10.7323, 0.8717, 5.2007 |

Details

The Hex color **251A09** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **091425**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **524535**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251905**, and if you desaturate by 10%, it is **251B0D**.

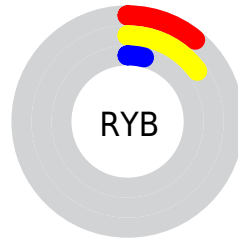
Distribution



Red (15%)

Green (10%)

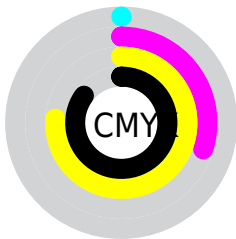
Blue (4%)



Red (11%)

Yellow (15%)

Blue (4%)

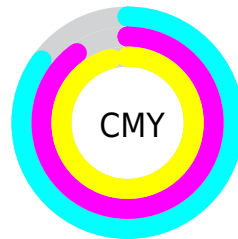


Cyan (0%)

Magenta (30%)

Yellow (76%)

Black (85%)



Cyan (85%)

Magenta (90%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251A09 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 251A09 by changing the saturation by 10% instead.

 251A09

 251A09

 FFFDE9

 090000

 524535

 000000

 6B5D4C

 847564

 9E8F7D

 BAA997

 D5C4B2

 F2E0CD

 251A09

 251A09

■ 251905

■ 251B0D

■ 251702

■ 251D10

■ 251600

■ 251E14

■ 252018

■ 25211C

■ 25231F

■ 252423

■ 252627

■ 25272A

Harmonies

Analogous

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



2A1710



251A09



1E1D09

Triad

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



251A09



012020



221827

Complementary

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



251A09



091425

Split Complementary

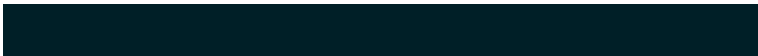
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



171B2B



251A09



001F27

Square

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



251A09



092018



091E2B



291620

Rectangle

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



251A09



171E0D



091E2B



1F1929

Sweetspot

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



251A09



302C25



250914



1A1712



999999



1A1A1A

Same Dimension

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



251A09



301F04



222509



121110



523200



D17F00

Inverse Universe

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



091425



041630



0C0925



101112



002052



0052D1

Previews

White Background



This preview shows how the Hex color 251A09 looks on a white background.

Color Contrast Check

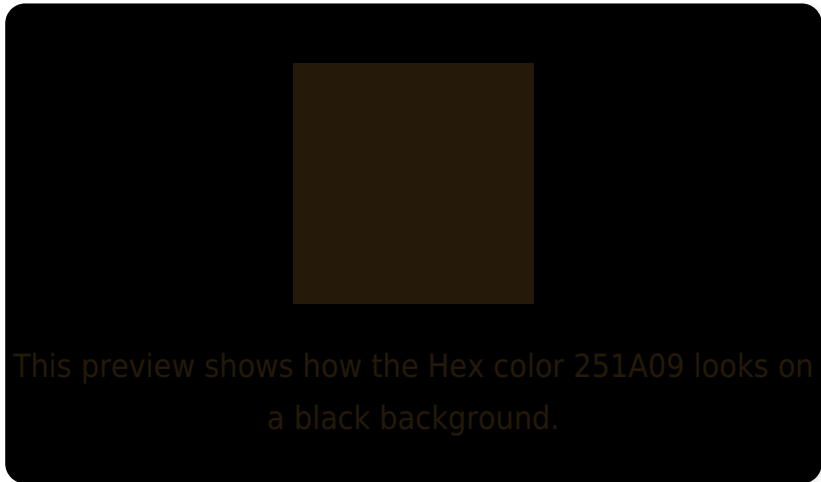
Large Text (above 18pt) WCAG AA ✓ Pass

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

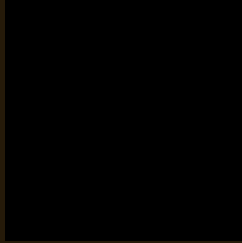
Any Text WCAG AA × Fail

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 251A09 Background



This preview shows how black text looks on a background with the Hex color 251A09.

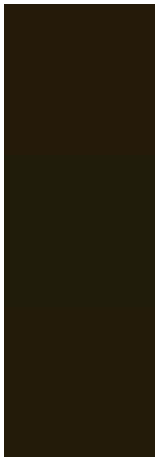


This preview shows how white text looks on a background with the Hex color 251A09.

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
251A09

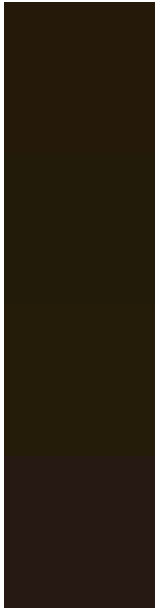
Protanopia
201C0A

Deuteranopia
231B09



Tritanopia
26181A

Trichromacy



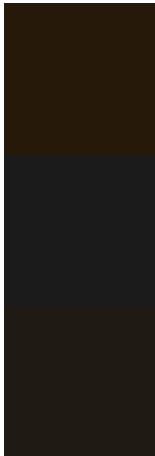
Original Color
251A09

Protanomaly
221B0A

Deuteranomaly
241B09

Tritanomaly
261914

Monochromacy



Original Color
251A09

Achromatopsia
1B1B1B

Achromatomaly
1F1B14

CSS Examples

Text

The CSS property to change the color of the text to Hex 251A09 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 #251A09 looks like.

```
.text, #text, p{  
    color:#251A09  
}
```

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 #251A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251A09
}
```

Border

The CSS property to change the border of an element to Hex 251A09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

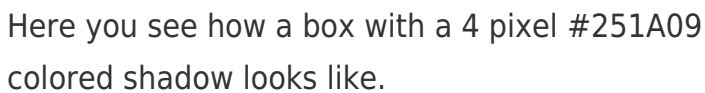
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#251A09 }
```

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

```
.border{ border-color:#251A09 }
```

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



Here you see how a box with a 4 pixel #251A09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251A09; -webkit-box-shadow:4px 4px  
4px 4px #251A09; box-shadow:4px 4px 4px  
4px #251A09 }
```

Background

The CSS property to change the background color of an element to Hex 251A09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251A09 }
```

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

```
.background{ background-color:#251A09 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor