

Converting Colors

Hex(251A18)

Have a look what the booklet for
Hex(251A18) contains.

Hex(251A18)	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(251A18)

Conversions

Conversions Part 1

Format	Color
Hex	251A18
RGB	37, 26, 24
RGB Percent	15%, 10%, 9%
CMY	0.8549, 0.8980, 0.9059
CMYK	0.00, 0.30, 0.35, 0.85
HSL	9°, 21%, 12%
HSV	9°, 35%, 15%
XYZ	1.2972, 1.1981, 1.0270
YIQ	29.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

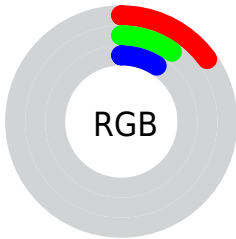
Format	Color
RYB	37, 26, 24
Decimal	2431512
CIELab	10.54, 5.08, 3.51
CIELCh	11, 6.172, 34.616
Yxy	1.1981, 0.3683, 0.3401
Android (android.graphics.Color)	4280621592 (0xFF251A18)
YUV	29.0610, -2.4951, 6.9625
Hunter-Lab	10.9456, 2.0002, 2.0987

Details

The Hex color **251A18** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **182325**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **524543**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251714**, and if you desaturate by 10%, it is **251D1C**.

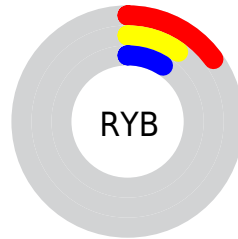
Distribution



Red (15%)

Green (10%)

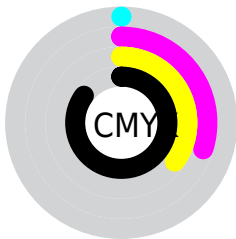
Blue (9%)



Red (15%)

Yellow (10%)

Blue (9%)

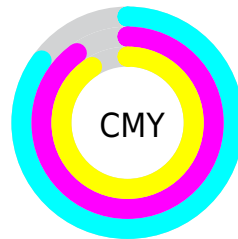


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (85%)



Cyan (85%)

Magenta (90%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251A18 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 251A18 by changing the saturation by 10% instead.

■ 251A18

■ 251A18

■ FFFDFA

■ 0F0000

■ 524543

■ 000000

■ 6A5D5A

■ 847573

■ 9E8F8C

■ B9A9A6

■ D4C5C2

■ F1E0DD

■ 251A18

■ 251A18

■ 251714

■ 251D1C

■ 251411

■ 25201F

■ 25110D

■ 252323

■ 250D09

■ 252727

■ 250A05

■ 252A2B

■ 250702

■ 252D2E

■ 250600

■ 253032

■ 253336

■ 253639

Harmonies

Analogous

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



251A1C



251A18



231B15

Triad

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



251A18



161F19



191D25

Complementary

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



251A18



182325

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.



141E24



251A18



121F1D

Square

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



251A18



1A1E16



111F21



1E1B23

Rectangle

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



251A18



211C14



111F21



171D25

Sweetspot

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



251A18



302C2B



251823



1A1716



999999



1A1A1A

Same Dimension

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



251A18



301F1C



252018



121010



520D00



D12000

Inverse Universe

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



182325



1C2D30



181D25



101212



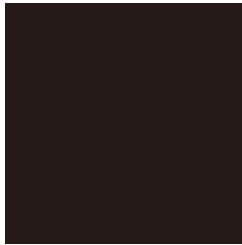
004552



00B1D1

Previews

White Background



This preview shows how the Hex color 251A18 looks on a white background.

Color Contrast Check

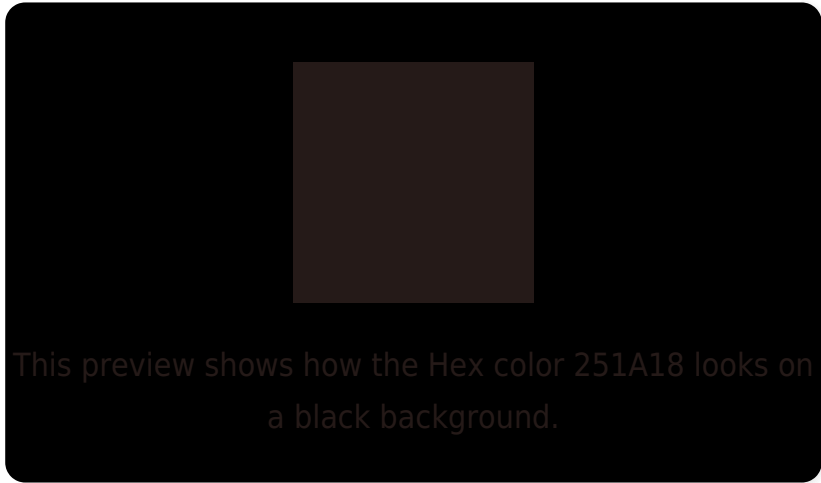
Large Text (above 18pt) WCAG AA ✓ Pass

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

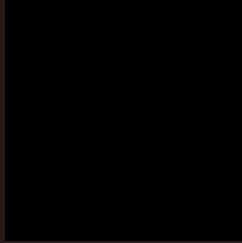
Any Text WCAG AA × Fail

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 251A18 Background



This preview shows how black text looks on a background with the Hex color 251A18.

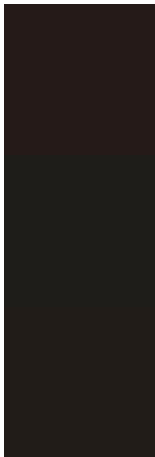


This preview shows how white text looks on a background with the Hex color 251A18.

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
251A18

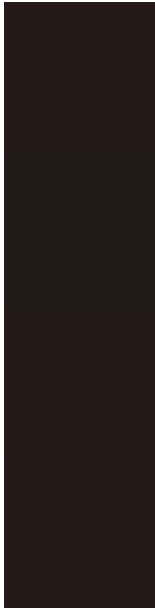
Protanopia
1E1D19

Deuteranopia
211C18



Tritanopia
25191B

Trichromacy



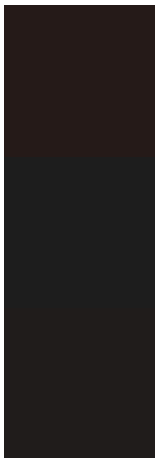
Original Color
251A18

Protanomaly
211C19

Deuteranomaly
221B18

Tritanomaly
25191A

Monochromacy



Original Color
251A18

Achromatopsia
1D1D1D

Achromatomaly
201C1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 251A18 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 #251A18 looks like.

```
.text, #text, p{  
    color:#251A18  
}
```

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 #251A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251A18
}
```

Border

The CSS property to change the border of an element to Hex 251A18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

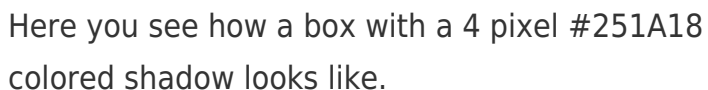
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#251A18 }
```

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

```
.border{ border-color:#251A18 }
```

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



Here you see how a box with a 4 pixel #251A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251A18; -webkit-box-shadow:4px 4px  
4px 4px #251A18; box-shadow:4px 4px 4px  
4px #251A18 }
```

Background

The CSS property to change the background color of an element to Hex 251A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251A18 }
```

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

```
.background{ background-color:#251A18 }
```

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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