

Converting Colors

Hex(251A16)

Have a look what the booklet for
Hex(251A16) contains.

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Color

Hex(251A16)

Conversions

Conversions Part 1

Format	Color
Hex	251A16
RGB	37, 26, 22
RGB Percent	15%, 10%, 9%
CMY	0.8549, 0.8980, 0.9137
CMYK	0.00, 0.30, 0.41, 0.85
HSL	16°, 25%, 12%
HSV	16°, 41%, 15%
XYZ	1.2772, 1.1900, 0.9214
YIQ	28.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

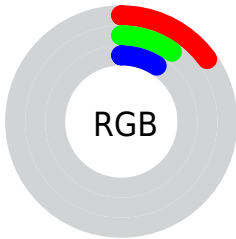
Format	Color
R_{YB}	37, 27, 22
Decimal	2431510
CIE _{Lab}	10.48, 4.72, 4.90
CIE _{LCh}	10, 6.798, 46.066
Yxy	1.1900, 0.3769, 0.3512
Android (android.graphics.Color)	4280621590 (0xFF251A16)
YUV	28.8330, -3.3687, 7.1625
Hunter-Lab	10.9089, 1.8075, 2.6281

Details

The Hex color **251A16** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **162125**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **524540**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251712**, and if you desaturate by 10%, it is **251D1A**.

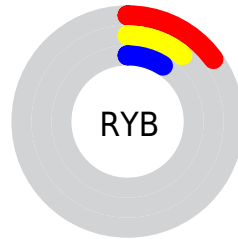
Distribution



Red (15%)

Green (10%)

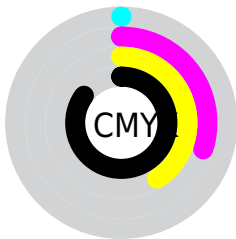
Blue (9%)



Red (15%)

Yellow (11%)

Blue (9%)

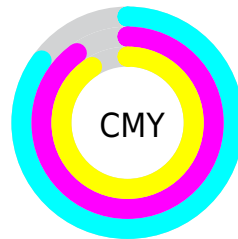


Cyan (0%)

Magenta (30%)

Yellow (41%)

Black (85%)



Cyan (85%)

Magenta (90%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251A16 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 251A16 by changing the saturation by 10% instead.

■ 251A16

■ 251A16

■ FFFDF7

■ 0E0000

■ 524540

■ 000000

■ 6A5D58

■ 847570

■ 9E8F89

■ B9A9A4

■ D5C4BF

■ F1E0DB

■ 251A16

■ 251A16

■ 251712

■ 251D1A

■ 25150F

■ 251F1D

■ 25120B

■ 252221

■ 250F07

■ 252525

■ 250C03

■ 252829

■ 250A00

■ 252A2C

■ 252D30

■ 253034

■ 253237

Harmonies

Analogous

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



26191A



251A16



221B13

Triad

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



251A16



131F1A



1A1C25

Complementary

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



251A16



162125

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.



141E25



251A16



101F1F

Square

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



251A16



181E16



101F23



201A23

Rectangle

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



251A16



1F1C13



101F23



181D25

Sweetspot

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



251A16



302C2B



251621



1A1716



999999



1A1A1A

Same Dimension

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



251A16



301F19



252216



121110



521600



D13800

Inverse Universe

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



162125



192A30



161A25



101112



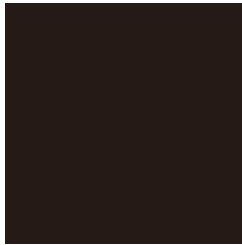
003C52



0099D1

Previews

White Background



This preview shows how the Hex color 251A16 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

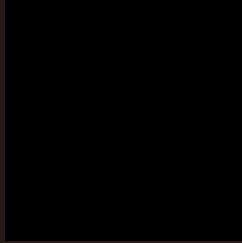
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

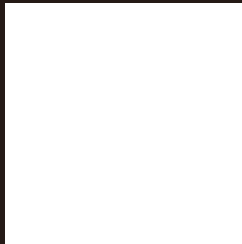
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 251A16 Background



This preview shows how black text looks on a background with the Hex color 251A16.

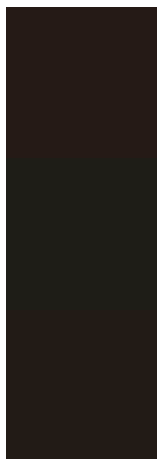


This preview shows how white text looks on a background with the Hex color 251A16.

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
251A16

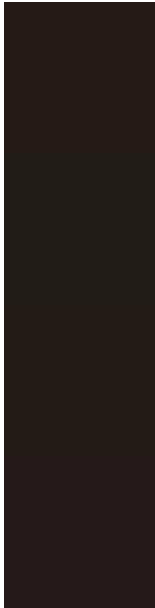
Protanopia
1E1D17

Deuteranopia
221B16



Tritanopia
25191B

Trichromacy



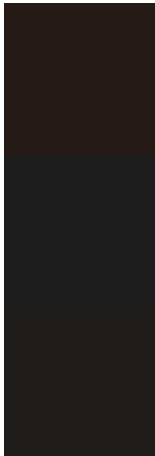
Original Color
251A16

Protanomaly
211C17

Deuteranomaly
231B16

Tritanomaly
251919

Monochromacy



Original Color
251A16

Achromatopsia
1D1D1D

Achromatomaly
201C1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 251A16 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 #251A16 looks like.

```
.text, #text, p{  
  color:#251A16  
}
```

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 #251A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251A16
}
```

Border

The CSS property to change the border of an element to Hex 251A16 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
#251A16 }
```

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

```
.border{ border-color:#251A16 }
```

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

Here you see how a box with a 4 pixel #251A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251A16; -webkit-box-shadow:4px 4px  
4px 4px #251A16; box-shadow:4px 4px 4px  
4px #251A16 }
```

Background

The CSS property to change the background color of an element to Hex 251A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251A16 }
```

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

```
.background{ background-color:#251A16 }
```

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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