

Converting Colors

Hex(251716)

Have a look what the booklet for
Hex(251716) contains.

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Color

Hex(251716)

Conversions

Conversions Part 1

Format	Color
Hex	251716
RGB	37, 23, 22
RGB Percent	15%, 9%, 9%
CMY	0.8549, 0.9098, 0.9137
CMYK	0.00, 0.38, 0.41, 0.85
HSL	4°, 25%, 12%
HSV	4°, 41%, 15%
XYZ	1.2142, 1.0640, 0.9004
YIQ	27.0720, 8.6650, 2.6570

Conversions

Conversions Part 2

Format	Color
R_{YB}	37, 23, 22
Decimal	2430742
CIE Lab	9.51, 6.91, 3.52
CIE LCh	10, 7.756, 27.024
Yxy	1.0640, 0.3820, 0.3347
Android (android.graphics.Color)	4280620822 (0xFF251716)
YUV	27.0720, -2.5005, 8.7069
Hunter-Lab	10.3152, 2.9590, 2.0451

Details

The Hex color **251716** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **162425**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **524240**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251412**, and if you desaturate by 10%, it is **251A1A**.

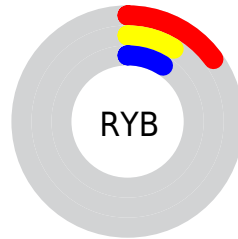
Distribution



Red (15%)

Green (9%)

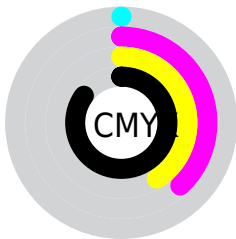
Blue (9%)



Red (15%)

Yellow (9%)

Blue (9%)

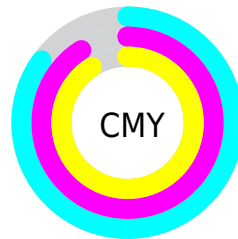


Cyan (0%)

Magenta (38%)

Yellow (41%)

Black (85%)



Cyan (85%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251716 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 251716 by changing the saturation by 10% instead.

■ 251716

■ 251716

■ FFF9F7

■ 0C0000

■ 524240

■ 000000

■ 6B5958

■ 847270

■ 9E8B89

■ B9A5A4

■ D5C1BF

■ F1DCDB

■ 251716

■ 251716

■ 251412

■ 251A1A

■ 25100F

■ 251E1D

■ 250D0B

■ 252121

■ 250907

■ 252525

■ 250603

■ 252829

■ 250200

■ 252C2C

■ 252F30

■ 253334

■ 253637

Harmonies

Analogous

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



24171B



251716



231811

Triad

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



251716



131D15



131B25

Complementary

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



251716



162425

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.



0D1D23



251716



0E1D1A

Square

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



251716



1A1C10



0B1D1F



1B1924

Rectangle

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



251716



21190F



0B1D1F



111C25

Sweetspot

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



251716



302B2B



251624



1A1616



999999



1A1A1A

Same Dimension

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



251716



301A19



251F16



121010



520500



D10E00

Inverse Universe

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



162425



192F30



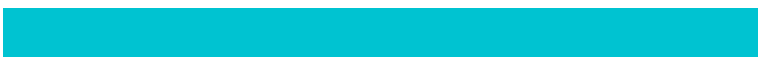
161D25



101212



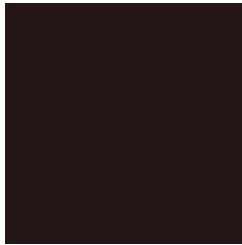
004C52



00C3D1

Previews

White Background



This preview shows how the Hex color 251716 looks on a white background.

Color Contrast Check

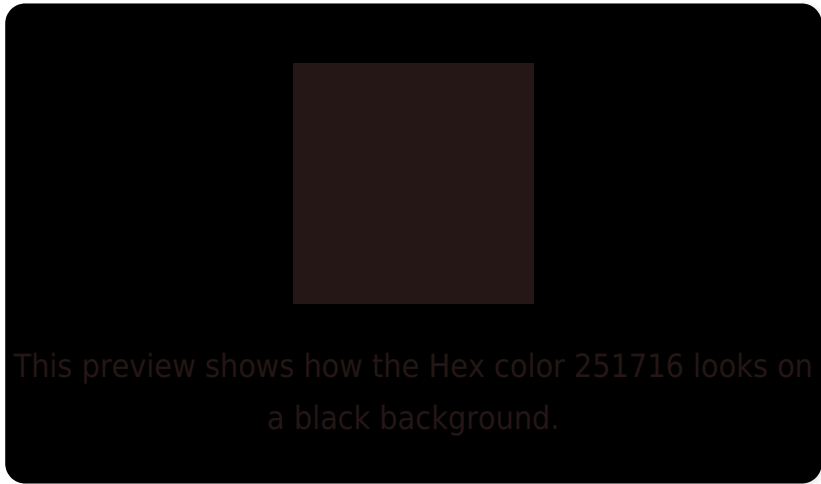
Large Text (above 18pt) WCAG AA ✓ Pass

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

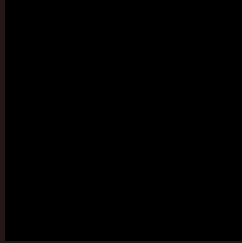
Any Text WCAG AA × Fail

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 251716 Background



This preview shows how black text looks on a background with the Hex color 251716.

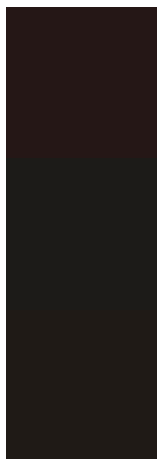


This preview shows how white text looks on a background with the Hex color 251716.

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](#).

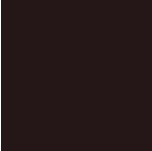
Dichromacy



Original Color
251716

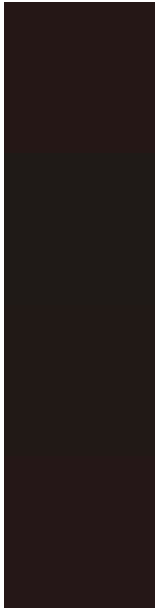
Protanopia
1C1B18

Deuteranopia
1F1A16



Tritanopia
251718

Trichromacy



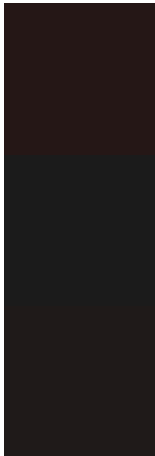
Original Color
251716

Protanomaly
1F1A17

Deuteranomaly
211916

Tritanomaly
251717

Monochromacy



Original Color
251716

Achromatopsia
1B1B1B

Achromatomaly
1F1A19

CSS Examples

Text

The CSS property to change the color of the text to Hex 251716 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 #251716 looks like.

```
.text, #text, p{  
    color:#251716  
}
```

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 #251716 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251716
}
```

Border

The CSS property to change the border of an element to Hex 251716 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
#251716 }
```

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

```
.border{ border-color:#251716 }
```

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

Here you see how a box with a 4 pixel #251716 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251716; -webkit-box-shadow:4px 4px  
4px 4px #251716; box-shadow:4px 4px 4px  
4px #251716 }
```

Background

The CSS property to change the background color of an element to Hex 251716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251716 }
```

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

```
.background{ background-color:#251716 }
```

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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