

Converting Colors

Hex(251616)

Have a look what the booklet for
Hex(251616) contains.

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Color

Hex(251616)

Conversions

Conversions Part 1

Format	Color
Hex	251616
RGB	37, 22, 22
RGB Percent	15%, 9%, 9%
CMY	0.8549, 0.9137, 0.9137
CMYK	0.00, 0.41, 0.41, 0.85
HSL	0°, 25%, 12%
HSV	0°, 41%, 15%
XYZ	1.1947, 1.0251, 0.8939
YIQ	26.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

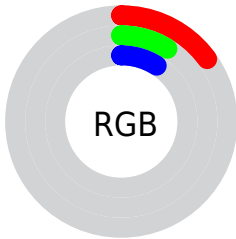
Format	Color
RYB	37, 22, 22
Decimal	2430486
CIELab	9.20, 7.64, 3.07
CIElCh	9, 8.235, 21.912
Yxy	1.0251, 0.3837, 0.3292
Android (android.graphics.Color)	4280620566 (0xFF251616)
YUV	26.4850, -2.2111, 9.2217
Hunter-Lab	10.1245, 3.3448, 1.8522

Details

The Hex color **251616** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **162525**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **524140**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251212**, and if you desaturate by 10%, it is **251A1A**.

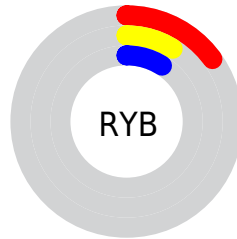
Distribution



Red (15%)

Green (9%)

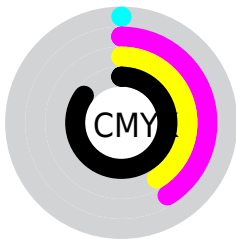
Blue (9%)



Red (15%)

Yellow (9%)

Blue (9%)

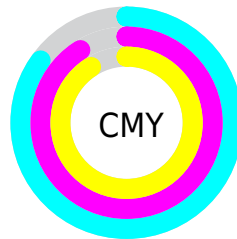


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (85%)



Cyan (85%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251616 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 251616 by changing the saturation by 10% instead.

■ 251616

■ 251616

■ FFF8F7

■ 0B0000

■ 524140

■ 000000

■ 6B5858

■ 847070

■ 9E8A89

■ B9A4A4

■ D5BFBF

■ F2DBDB

■ 251616

■ 251616

■ 251212

■ 251A1A

■ 250F0F

■ 251D1D

■ 250B0B

■ 252121

■ 250707

■ 252525

■ 250303

■ 252929

■ 250000

■ 252C2C

■ 253030

■ 253434

■ 253737

Harmonies

Analogous

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



24161C



251616



231711

Triad

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



251616



131C13



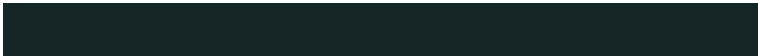
111B25

Complementary

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



251616



162525

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.



0A1C22



251616



0D1D18

Square

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



251616



1A1B0E



091D1E



191924

Rectangle

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



251616



21180E



091D1E



0E1B24

Sweetspot

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



251616



302B2B



251625



1A1616



999999



1A1A1A

Same Dimension

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



251616



301919



251E16



121010



520000



D10000

Inverse Universe

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



162525



193030



161E25



101212



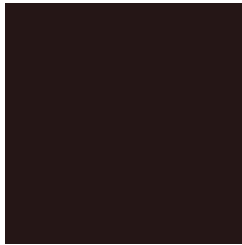
005252



00D1D1

Previews

White Background



This preview shows how the Hex color 251616 looks on a white background.

Color Contrast Check

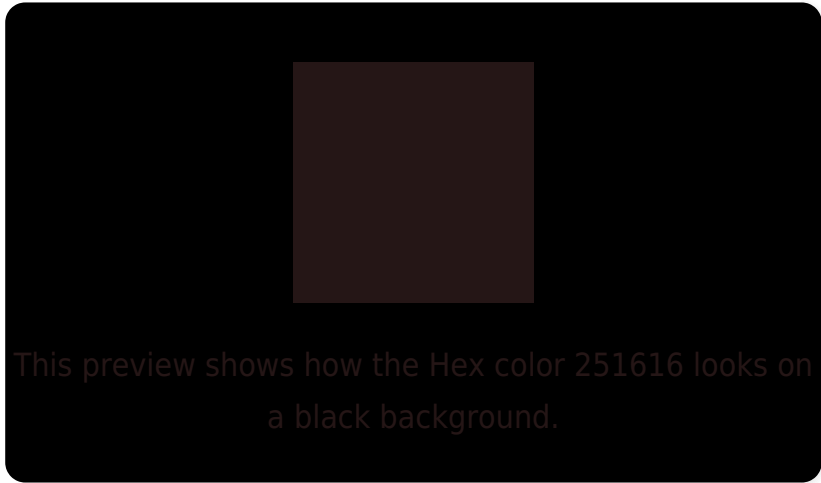
Large Text (above 18pt) WCAG AA ✓ Pass

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

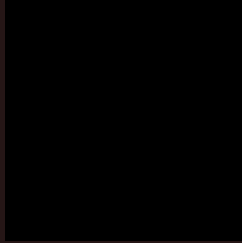
Any Text WCAG AA × Fail

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 251616 Background



This preview shows how black text looks on a background with the Hex color 251616.

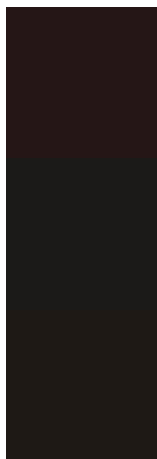


This preview shows how white text looks on a background with the Hex color 251616.

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
251616

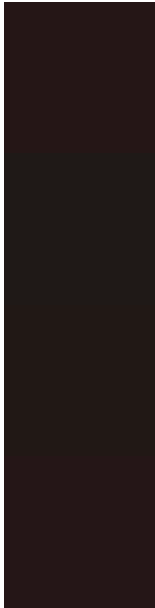
Protanopia
1B1A18

Deuteranopia
1E1915



Tritanopia
251617

Trichromacy



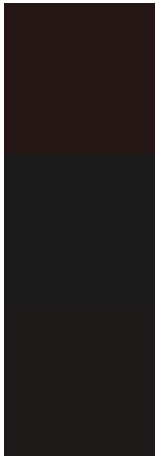
Original Color
251616

Protanomaly
1F1917

Deuteranomaly
211815

Tritanomaly
251617

Monochromacy



Original Color
251616

Achromatopsia
1A1A1A

Achromatomaly
1E1919

CSS Examples

Text

The CSS property to change the color of the text to Hex 251616 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 #251616 looks like.

```
.text, #text, p{  
    color:#251616  
}
```

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 #251616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251616
}
```

Border

The CSS property to change the border of an element to Hex 251616 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
#251616 }
```

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

```
.border{ border-color:#251616 }
```

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

Here you see how a box with a 4 pixel #251616 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251616; -webkit-box-shadow:4px 4px  
4px 4px #251616; box-shadow:4px 4px 4px  
4px #251616 }
```

Background

The CSS property to change the background color of an element to Hex 251616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251616 }
```

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

```
.background{ background-color:#251616 }
```

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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