

Converting Colors

Hex(231E07)

Have a look what the booklet for
Hex(231E07) contains.

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Color

Hex(231E07)

Conversions

Conversions Part 1

Format	Color
Hex	231E07
RGB	35, 30, 7
RGB Percent	14%, 12%, 3%
CMY	0.8627, 0.8824, 0.9725
CMYK	0.00, 0.14, 0.80, 0.86
HSL	49°, 67%, 8%
HSV	49°, 80%, 14%
XYZ	1.1958, 1.3012, 0.3891
YIQ	28.8730, 10.3630, -6.0930

Conversions

Conversions Part 2

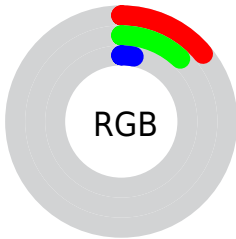
Format	Color
R_{YB}	13, 35, 7
Decimal	2301447
CIE Lab	11.28, -1.31, 13.89
CIE LCh	11, 13.951, 95.406
Yxy	1.3012, 0.4143, 0.4509
Android (android.graphics.Color)	4280491527 (0xFF231E07)
YUV	28.8730, -10.7834, 5.3734
Hunter-Lab	11.4071, -1.2509, 5.9623

Details

The Hex color **231E07** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **070C23**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **504A34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **231D03**, and if you desaturate by 10%, it is **231F0B**.

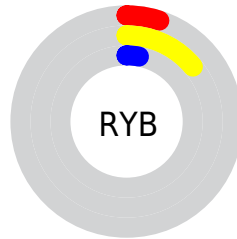
Distribution



Red (14%)

Green (12%)

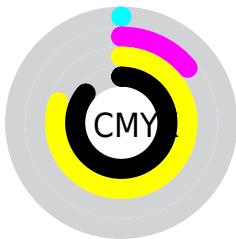
Blue (3%)



Red (5%)

Yellow (14%)

Blue (3%)

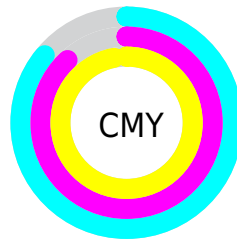


Cyan (0%)

Magenta (14%)

Yellow (80%)

Black (86%)



Cyan (86%)

Magenta (88%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 231E07 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 231E07 by changing the saturation by 10% instead.

■ 231E07

■ 231E07

■ FFFFE8

■ 040500

■ 504A34

■ 000000

■ 68614B

■ 817A63

■ 9C947B

■ B6AE95

■ D2CAB0

■ EFE6CC

■ 231E07

■ 231E07

■ 231D03

■ 231F0B

■ 231D00

■ 231F0E

■ 232012

■ 232115

■ 232119

■ 23221C

■ 232220

■ 232323

■ 232427

Harmonies

Analogous

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



2B1B0A



231E07



19210D

Triad

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



231E07



002329



2B1826

Complementary

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



231E07



070C23

Split Complementary

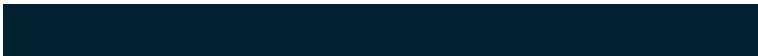
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211B2E



231E07



00212F

Square

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



231E07



002320



121E31



30161D

Rectangle

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



231E07



112213



121E31



291929

Sweetspot

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



231E07



2E2C23



23070C



171610



969696



171717

Same Dimension

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



231E07



2E2602



1A2307



121210



524300



D1AC00

Inverse Universe

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



070C23



020A2E



100723



101012



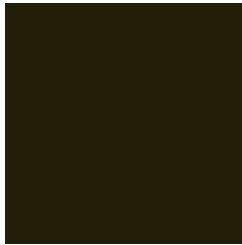
000F52



0025D1

Previews

White Background



This preview shows how the Hex color 231E07 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

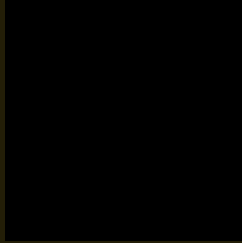
Any Text WCAG AA × Fail

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 231E07 Background



This preview shows how black text looks on a background with the Hex color 231E07.

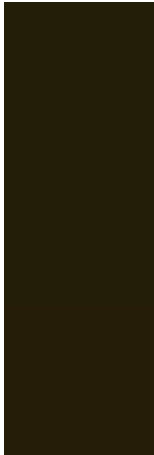


This preview shows how white text looks on a background with the Hex color 231E07.

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
231E07

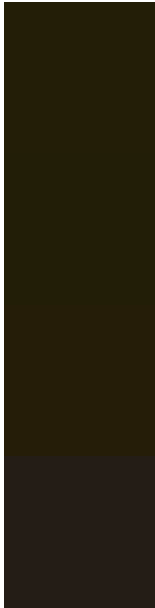
Protanopia
221E07

Deuteranopia
261D08



Tritanopia
251C1E

Trichromacy



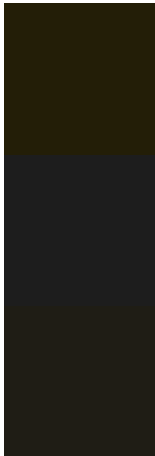
Original Color
231E07

Protanomaly
221E07

Deuteranomaly
251D08

Tritanomaly
241D16

Monochromacy



Original Color
231E07

Achromatopsia
1D1D1D

Achromatomaly
1F1D15

CSS Examples

Text

The CSS property to change the color of the text to Hex 231E07 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 #231E07 looks like.

```
.text, #text, p{  
    color:#231E07  
}
```

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 #231E07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231E07 }  
}
```

Border

The CSS property to change the border of an element to Hex 231E07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

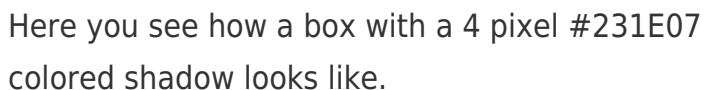
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #231E07 }  
}
```

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

```
.border{ border-color:#231E07 }
```

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



Here you see how a box with a 4 pixel #231E07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231E07; -webkit-box-shadow:4px 4px  
4px 4px #231E07; box-shadow:4px 4px 4px  
4px #231E07 }
```

Background

The CSS property to change the background color of an element to Hex 231E07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231E07 }
```

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

```
.background{ background-color:#231E07 }
```

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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